



VOLUME 21

DECEMBER 2004

NUMBER 12



*I'm "Broadcasting"
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A.R.C. — THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS
OF OLD RADIOS AND RELATED ITEMS — WWW.ANTIQUERADIO.COM

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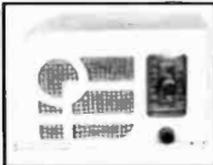
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WANTED



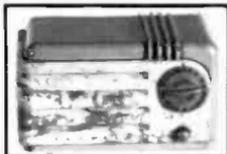
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ALSO WANTED ANY COLOR-ANY CONDITION

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 ARVIN 532 ANY COLOR \$2,500.00, BENDIX 526 GREEN & BLACK \$625.00
 DeWALD A501, A502 140.00N \$375.00, YELLOW \$425.00, RED \$1,200.00
 EMERSON AU190 & BT 245 YELLOW \$1,300.00, GREEN \$2,500.00
 DARK RED \$2,700.00, BLUE \$6,850.00, BRIGHT RED \$11,000.00
ESPEY MIDGET, YOU NAME THE PRICE I WILL PAY IT!
 EMERSON BM258 YELLOW \$750.00, GREEN \$1,350.00, RED \$2,150.00, BLUE \$4,000.00
 EMERSON 564 BLACK \$500.00, GREEN \$1,150.00, RED \$1,650.00
 FADA 1.56, F55, 52, 5F50, 5F60, 136, 53X, YELLOW \$1,500.00, LT GREEN \$1,750.00
 MAROON & YELLOW \$2,200.00, YELLOW & BLUE \$2,500.00, YELLOW & RED \$3,100.00
 EMERALD GREEN & YELLOW \$7,000.00, BLUE & YELLOW \$7,000.00
 FADA 115, 116 & 1000 ALL YELLOW \$700.00, MAROON & YELLOW \$950.00, YELLOW & RED \$1,150.00, PEA GREEN \$1300.00, BLUE & YELLOW \$2,550.00
 GAROD 6AUI MAROON \$675.00, YELLOW & RED 1,350.00
 RED & YELLOW \$1,450.00, HALSON ANY COLOR \$1,500.00 TO \$5,000.00
 MOTOROLA 50XC ALL YELLOW \$1,750.00, BROWN & TORT \$2,750.00, RED & YELLOW \$6,000.00, GREEN & YELLOW \$6,250.00
 MOTOROLA 52 YELLOW & TORT \$1,500.00, MAROON & YELLOW \$1,850.00, GREEN & YELLOW \$2,900.00
 SONORA KM ANY COLOR \$1,600.00
 SENTINEL 284 WAVEY GRILL YELLOW \$700.00, SAND 950.00, RED 1,450.00, BLUE 6,500.00
 SPARTON CLOISSONNE ANY COLOR \$3,500.00 TO \$5,500.00, EMERSON 520 \$500.00

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 DeWALD A501, A502 BROWN \$375.00, YELLOW \$425.00, RED \$1,200.00
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ANTIQUE RADIO CLASSIFIED

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EDITOR'S COMMENTS

Here we are in the midst of the holiday season, and with it comes the usual mix of nostalgia and excitement. Collectors know a lot about both — we're nostalgic about antique radios and find excitement in any aspect of their preservation, as well as in looking to the future of the hobby.

What might be one element of that future is suggested by our lead article. When you flip this page, for a minute you might think you're looking at a holiday gift catalog; instead, Richard Menta's spread about MP3 players will prod you into thinking that they might be one of the collectibles of the future. Who knows — in 20 years or so, MP3s may become common on these pages. To follow Richard's line of thinking, you might go to his Web site at www.mp3newswire.net and also await Parts 2 and 3 of this series.

But if vintage MP3 players are not tops on your holiday gift list, it's back to more familiar ground — the nostalgia of the past. Auctions allow us to indulge in a plethora of items from the good old days that are possible additions to our collections. Ray Chase's report on yet another Estes Auction reveals that items related to radio sometimes surface in quantity. In this auction, phonographs, music boxes, and especially jukeboxes brought solid prices. A case in point is the Wurlitzer Military Band Organ that went for \$12,000, the top dollar in this auction.

When he can't cover an important auction, Ray keeps us all in mind, and tries to find coverage. Luckily, he did just that for the Smith Company auction of the William Fitch collection. Fellow New Jersey Club collector Lisa Starnes responded to Ray's request and did an outstanding job. Our thanks to both Ray and Lisa.

Like the Estes auction, the Fitch auction contained radio-related items that don't show up regularly in collections, such as quack/electro medical equipment. Especially strong were the microphone offerings, numbering more than 100. Though many were fairly common types, the RCA 77 in an aluminum case brought \$1,650. How often do you get a chance to ballpark microphone prices in such quantity?

Auctions in general also offer multiple photos of interesting sets and displays, which sometimes provide a substitute for *Photo Review*. Take a look at the Bestone V-60 on page 23 and the Freshman Masterpiece on page 28 for examples of the interesting sets not often seen in flea markets or auctions. However, we will get back to publishing that popular section of the magazine soon, and we hope that you will continue to contribute to it.

OOPS!

The date for next year's AWA Conference published in the November 2004 issue was given to us in error. The correct date is August 23-27, 2005.

Speaking of photos, Dave Hofeld's photo of RCA at Atlantic City has to jog the memory of someone out there. Above the awning is the caption, "RCA Victor Centralized Radio Exhibit." That must have been the target of many a tourist in the grand age of radio.

And how about Carl Sutton's piece of nostalgia in the form of an ad in a 1942 newspaper — *the Ironton Tribune* of Ironton, Ohio? Once again we're thrown back to World War II when radios became very much a part of the war effort, and people were urged to put their old radios to good use by helping the troops.

That spirit of helping each other out prevails among radio collectors. An example is contained in Eugene Reed's Christmas restoration story, which reminds us of how a simple repair job can mean the world to someone else.

Another example is Dave Cantelon's article providing capacitor tips for beginners. When you're stuck in the midst of a repair job in the coming winter doldrums, consult Dave's article, or contact him as he suggests.

And just in case you're stuck for a last-minute gift, books are a good answer, either for a fellow collector, or why not yourself? It's hard to believe that John Slusser's *Collector's Guide to Antique Radios* is now in its sixth edition. As Dave Crocker's review says, this is the most comprehensive single-volume reference for collectors of old radios. It is the book most likely to be used as a guide, even by those who have only one radio to sell. So, you may want to bring your library up-to-date.

If British crystal sets are your thing, Howard Stone's enthusiastic review of Ian Sanders' second volume on British crystal sets of the 1920s will pique your interest. In particular, you will be impressed with the exceptional quality of the photos.

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Coming Radio Events. Of the 33 events listed this month, four are holiday socials, four are swap meets, and three are auctions. No matter what the season, radio collectors have many ways to celebrate.

All of us wish all of you the best of holiday seasons and a safe and fruitful New Year.

John, Cindie, Dorothy, Pat,
Bobby, Ray and Dave

ON THE COVER

Our cover this month is a reproduction of a postcard from the John V. Terrey collection. In keeping with the nostalgia of the season, it depicts a family Christmas in the 1920s when a radio figured among the presents, along with the toys.

WITH THE COLLECTORS

Collecting MP3 Portables — Part 1

BY RICHARD MENTA

Richard Menta offers a suggestion for collectors who give thought to what might be valuable years from now. Why not think of today's MP3s as the Regency TR-1s of the future? (Editor)

All collectors wish they could return to 1954 and pick up a new and perfect Regency TR-1 transistor radio or to the 1930s to preserve a rare prewar set. It occurred to me that, as editor of *MP3 Newswire*, I had inadvertently collected many of the first generation MP3 portables as I reviewed them for publication. Aren't these players today's Regency TR-1? If so, wouldn't now be a great time to start collecting these early portables, when they are easily available and cheap?

Contemporary audio equipment is not always something an antique collector strives to acquire, but I could easily see how 30 years from now some of these digital music players could be coveted. I already brought a box filled with several early players to my New Jersey Antique Radio Club meeting last year, and while the reaction was mixed (this was new technology, after all), their distinct styles and dramatic shapes were a welcomed respite from today's generic radios.

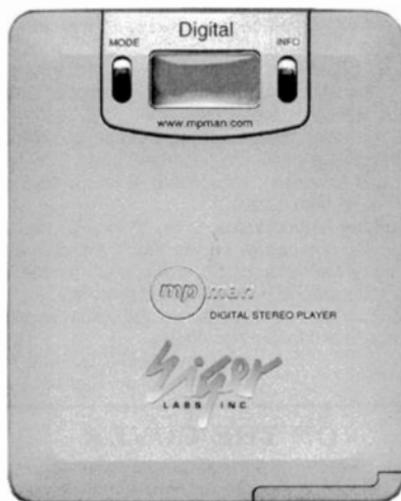


Figure 1. The Elger Labs MPMan F10, the first MP3 player, appeared in 1998.



Figure 2. Diamond Rio PMP300, the second MP3 portable, put MP3 on the map, as it became a hit for the 1998 Christmas market.

MP3S WITH COLLECTING PROMISE

For those who are intrigued by my suggestion here is a list of the key MP3 portables with the best collecting promise, all of which I reviewed when first released.

Eiger Labs MPMan F10. Appearing in 1998, the MPMan, shown in Figure 1, was the first MP3 player. Spartan and square, the F10 sold for \$250 and came with 32MB of memory. At a rough average of 1MB for every minute of music, the player could hold eight 4-minute songs. Not a lot, but it sold well. You could upgrade the memory to 64MB by sending the unit back to Eiger Labs with a check for \$69 plus \$7.95 shipping.

Diamond Rio PMP300 (1998). It was the commercial success of this second MP3 portable that put MP3 on the map. Following the MPMan by just a couple of months, the 32MB Rio PMP300, shown in Figure 2, became a surprise smash hit for the Christmas '98 season. Sales far exceeded expectations and



Figure 3. The 1999 Sensory Science RaveMP 2100 was the first player to have 64MB of built-in memory.



Figure 4. The I-Jam IJ-100 was a strong seller with its tiny dimensions and offer of a radio and a choice of five colors.

stayed strong long after the holiday.

This success convinced many that digital music was the future, and before long, dotcom money poured into online digital music initiatives and start-up MP3 portable companies. The impact of this little player was so strong that the record industry sued Diamond, claiming it encouraged music piracy. The record industry lost the case.

Sensory Science RaveMP 2100 (1999). Released in the summer of 1999, the RaveMP 2100, shown in Figure 3, was the first player to appear with 64MB of built-in memory, doubling the amount of music that users could listen to out of the box. Furthermore, an expansion slot allowed the unit to expand to 96MB. With a built-in microphone, this set was the first unit to add voice record capabilities.

I-Jam IJ-100 (1999). With dimensions of only 3 inches long and 1/2 inch thick, the I-Jam, shown in Figure 4, proved how tiny MP3 portables could be. Weighing only 2.5 oz., the 32MB I-Jam included an FM radio and came in five colors—the first player to offer either option. Colors included Black Rhino, Silver Bullet, Lemon Drop, Razz Jazz Red, and Chi-Town Blue. It was a strong seller, but the undercapitalized I-Jam Company ran out of funds and folded in 2002.

Creative Labs Nomad (1999). This 32MB portable, shown in Figure 5, was introduced in June of 1999 for a healthy \$429. It came clad in a magnesium body, and like the RaveMP, it had voice recording and an FM tuner. The Nomad was the first to offer a docking station so users didn't have to mess with wires every time they

wanted to refresh songs on the player.

Remote Solutions Personal Jukebox PJB-100 (1999). By the fall of 1999, all MP3 portables came with either 32MB or 64MB of memory, capable of holding only 7 to 20 song files at a time. This was the most limiting factor of early MP3 portables.

(Continued on following page)

What is MP3 Audio?

MPEG is an acronym for the Moving Picture Experts Group. This committee is responsible for developing international standards for compression in motion picture and studio applications. One such standard is MPEG-1 Layer-3, commonly referred to as MP3.

MP3 is a technique used to compress audio signals by a factor of about 12. The compression process is based upon limitations of the human ear. For example, sounds that immediately follow a sudden loud musical passage tend to be masked by the loud sound. Also, the ear has difficulty in distinguishing closely spaced tones. MP3 processing eliminates those sounds that the ear cannot hear or has difficulty hearing. The result is a smaller or compressed digital package that can be easily sent over the Internet or recorded.

Reference: *IEEE Spectrum*, September 2004

(MP3 Portables, continued)

A company called Remote Solutions smashed that limitation with a clever idea. By utilizing a laptop hard drive for storage rather than low capacity flash memory, they produced a unit that held over a thousand song files, thereby inventing a jukebox MP3 portable. Listing for \$799, the PJB-100, shown in Figure 6, premiered at the end of 1999 with 4.8GB of storage, enough for 1,200 songs.

There was a trade-off for such high capacity, as the drive made the PJB-100 both large and heavy. The grandfather of the Apple iPod, jukebox portables are now the dominant type of MP3 player sold today.

All photos courtesy of the manufacturers.

(Richard Menta, 58 Cedar Ave., #1 Highland Park, NJ 08904)

A member of the New Jersey Antique Radio Club, Richard Menta is also the editor of www.MP3newswire.net. He started the web publication in December of 1998, inspired by the success of the Rio PMP300. He has been collecting radios since 1996, most of them pre-1940 models.



Figure 5. The Creative Labs Nomad.



Figure 6. The Remote Solutions Personal Jukebox PJB-100 expanded the limited memory of the MP3 portable by utilizing a laptop hard drive.

"Enjoy a new GE Radio — Let the Boys in Service Enjoy your Old One."

COMPILED FROM INFORMATION CONTRIBUTED BY CARL D. SUTTON

The August 2003 cover photo, contributed by Mike Grimes and showing a World War II radio scrap drive, seems to have stuck in many minds. In the May 2004 issue, Ed Scribner and J.T. Kaetz, Jr., responded with short articles about recycling radios during the war years. Here Carl Sutton offers another angle to the story of radio in the war effort. (Editor)

The title of this article is only one part of the blurb used in the Gas Appliance Company 8" x 8" ad that Carl Sutton cut from his copy of the February 1, 1942, Ironton, Ohio, *Tribune*. As Carl says, here is an example of how radios were actually "enlisted" in the service of the country. For an old radio, which would serve the war effort, a buyer was offered \$20 on a new 1942 GE model.

Interestingly, the console pictured is not

identified with a model number. A little research on our part led to page 84 of Mark Stein's *The Complete Price Guide to Pre-War Consoles* where the set is designated as a Model J805, circa 1941, and priced today at \$250. The original price is not mentioned in the ad, only the \$20 trade-in deal and the fact that \$1 a week on "liberal terms" would make it yours.

We wonder how many buyers really appreciated the wonderful features the ad goes on to list: two beam-a-scopes, a 14-inch dynamic speaker, featherweight electric tuning, drift-proof station settings, 3-band tuning range, automatic tone compensation, automatic volume control, and broad-band hi-mu RF stage. It is equipped for frequency modulation and television sound.

The box at the left of the article says that the sets will be "turned over to the N.Y.A.

where they will be put in first class condition — and then sent to U.S.O. and Recreation Centers at Shelby and other camps."

Ed Scribner, in his May 2004 A.R.C. article, describes a similar process going on in Souix Falls, South Dakota, in addition to the even more pressing one of also dismantling the radios for parts used in Air Force radio mechanics classes.

In researching the references in the ad, Carl Sutton was unable to discern the meaning of "N.Y.A." or to confirm the existence of a Camp Shelby. He did, however, locate a town called Shelby in North Ohio, which still has a popular camp ground. Perhaps that is what became of the military camp, or per-

haps someone out there can tell us the real story of Camp Shelby.

If you visit Ironton, Ohio, you'll find that the Gas Appliance Co. that sponsored this ad has been replaced by a Fast Food restaurant. As Carl says, "Time marches on, even in a small town." But one thing remains constant in Ironton — the 6-day-a-week publishing schedule of the *Ironton Tribune*.

Reference:

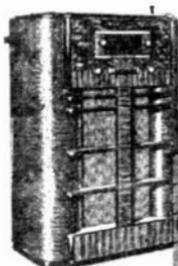
Stein, Mark V. *The Complete Guide to Antique Radios: Pre-War Consoles*. Baltimore: Radio-mania Books, 2000.

(Carl D. Sutton, 2307 So. 5th St., Ironton, OH 45638)

\$20. for your old RADIO on this new 1942 GENERAL ELECTRIC

ENLIST YOUR OLD RADIO IN THE SERVICE— WE WILL GIVE OUR TRADE-INS TO BOYS IN CAMP SHELBY.

They will be turned over in N. Y. A. where they will be put in first class condition—and then sent to U. S. O. and Recreation Centers at Shelby and other Camps.



Enjoy a new GE Radio— let the boys in service enjoy your old one.



LOOK HOW MUCH RADIO YOUR DOLLAR WILL BUY

- ★ **TWO BEAM-A-SCOPES.** (No Aerial—No Ground) For finer foreign and domestic reception.
- ★ **14-INCH DYNAMIC SPEAKER.** Big, powerful and efficient.
- ★ **FEARNERTOUCH ELECTRIC TUNING (6 KEYS).** Just touch a key and there's your station!
- ★ **DRIFT-PROOF STATION SETTINGS.** Provides permanence of station settings. No creeping!
- ★ **TUNING RANGE—3 BANDS.** Standard Broadcast, Police, Amateur — International Short-Wave.
- ★ **AUTOMATIC TONE COMPENSATION.** Provides truthful and realistic reproduction of bass and treble notes.
- ★ **AUTOMATIC VOLUME CONTROL.** Maintains an even volume control, Minimizes fading.
- ★ **BROAD BAND HI-MU RF STAGE.** Brings in far-away stations like locals.

This model is equipped for Frequency Modulation and Television sound.

GAS APPLIANCE CO.

Center of Center Street

Phone 280

Selections from the Gas Appliance Co. advertisement that appeared in the Ironton, Ohio, Tribune for February 1, 1942.



RESTORATION TOPICS

Capacitor Tips for the Beginner

BY DAVE CANTELON

Capacitors can be puzzling to someone new to radio repair. When you're in the midst of a repair job, Dave Cantelon's simplified capacitor tips should be helpful. (Editor)

If you are new to restoring antique tube radios, here are some useful capacitor tips. How to choose capacitors and install them in tube radios is explained in nontechnical language. Have fun and good luck with your vintage radio restorations.

TUBE RADIO CAPACITORS — THE BASICS

- Your vintage tube radio needs both direct current (DC) and alternating currents (AC) to operate. Capacitors act to pass AC while blocking DC. Capacitors are used to block, pass, filter and tune the various voltages and signals in your radio.
- Don't let terminology confuse you. A "condenser" is just an old-fashioned name for "capacitor."
- Capacitors have a capacitance value and a voltage rating. The capacitance value is a measure of how much electric charge a capacitor can store. The voltage rating is the maximum voltage the capacitor can handle without breaking down.
- Your old tube radio uses four types of capacitors: variable (tuning) capacitors, mica capacitors, paper capacitors and electrolytic (filter) capacitors. When you restore an antique radio you will replace the paper and electrolytic capacitors, but not the variable capacitors. Mica capacitors seldom need replacement.
- In radio service literature, such as *Sams Photofacts*, paper and electrolytic capacitors are usually expressed in terms of "microfarads." Short forms for microfarad include mfd, MFD, MF, and uF. The mica capacitors in your tube radio will have lower capacitance values than the paper and electrolytic capacitors. Micas are expressed in terms of micro-microfarads or picofarads. Short forms for micromicrofarads include mmfd, MMFD, MMF, PF and pF. A pF is one-thousandth of a uF. For example, a mica capacitor valued at 500 mmfd (pF) would be 0.0005 mfd (uF).
- As a general rule, if a capacitor in your vintage tube radio is less than 0.001 uF, it is probably a mica capacitor. If it is between 0.001 uF and 1.0 uF, it is likely a paper capacitor, and if it's more than 1 uF, it's probably an electrolytic capacitor.
- Sizewise, the electrolytics are the largest capacitors, and most tube radios use two or

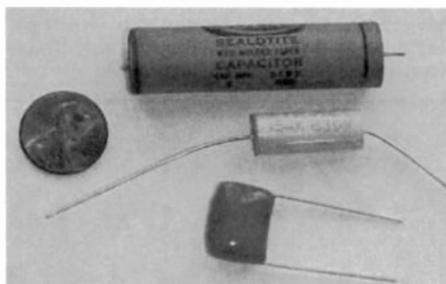


Figure 1. A typical old paper-dielectric capacitor, top, can be replaced with either an axial-lead capacitor, center, or a radial-lead, plastic film capacitor, bottom. The penny at left shows the comparative size of the capacitors.

- three of them. The original electrolytic capacitors are typically the size of a roll of quarters or larger. On the old AC sets, they are usually encased in aluminum and mounted on top of the chassis. With the lightweight AC/DC sets of the 1950s, they are quite often under the chassis and may have a cardboard case.
- The original paper capacitors in your radio will likely be in a paper tubular case sometimes coated with wax. They are usually 1 to 1½ inches long and ¼ to ½ inches in diameter.
 - Mica capacitors come in different sizes and shapes, but the most common shape is square or rectangular. Often, they are brown in color with colored dots, looking a bit like dominos.
 - Capacitors have either radial leads or axial leads. With the radial type, both leads exit from the same end of the capacitor. With the axial type, there is a lead at each end of the capacitors. Both types are equally good. Just be sure the capacitors you use have long leads.
 - On schematic diagrams, a fixed capacitor can be represented in two ways:



Modern film capacitors are nonpolar, like the symbol on the left, so you don't have to worry about polarity when replacing old paper caps with new film capacitors. If there is a curved side, as on the right, the flat side of the capacitor symbol is the positive (+) side and the curved side is the negative (-) side. The positive end must be kept at the higher electrical potential (more positive voltage).

- How about using New Old Stock (N.O.S.) capacitors? These are not recommended — use at your own risk! As paper and electrolytic capacitors age, their capacitance values drift, and they dry out or become leaky. Would you drive a 1930s automobile with N.O.S. 70-year-old tires?
- Don't waste your money on audiophile, computer grade or tantalum capacitors. Sure they are good capacitors, but your old tube radio does not have the electronic circuitry to take advantage of those expensive capacitors. The only difference you will notice is a lighter wallet.
- Plastic/polyester film capacitors are now used in place of paper capacitors due to their smaller size, lower cost and superior performance. There are many variations of plastic/polyester capacitors. Good types of film capacitors for tube radio restorations include metalized polyester, metalized polypropylene, metal-foil polypropylene and Mylar. What is Mylar? Mylar is simply the trade name of the synthetic film registered by du Pont. Figure 1 shows an old paper capacitor, top, and two present day film replacements — an axial lead, center, and a radial lead at the bottom.
- At higher frequencies, polypropylene is more stable than polyester, so for film capacitors under 0.01 mfd, you may want to use polypropylene capacitors rather than polyester capacitors.
- What should it cost you to replace the capacitors in your radio? To "recap" a typical 5-tube radio you will need a couple of electrolytic capacitors and about a dozen film capacitors. Total cost for these parts should be \$10 or less.

NONELECTROLYTIC CAPACITOR TIPS

- When replacing old paper/wax capacitors, you can't go wrong using film capacitors that have a higher voltage rating than the paper ones you are replacing. For example, if you are replacing a paper capacitor rated at 400 volts, you can use a 630-volt film capacitor (but not a 200-volt capacitor).
- Why were tube radios manufactured with 200-, 400-, 600-volt paper capacitors if 600-volt could have been used for all the capacitors? Two reasons — cost and size. Capacitors used to be expensive, so if a manufacturer could use lower voltage capacitors in a circuit, it could cut production costs. Also, the higher the voltage the larger the paper capacitor, so it was easier to install lower voltage paper capacitors. Nowadays, film capacitors are inexpensive and compact, so use 630-volt film capacitors and you can't go wrong.
- Radio schematics and/or parts lists sometimes do not specify the working voltages of nonelectrolytic capacitors. To be safe use a film capacitor rated at 630 volts.
- Old paper/wax capacitors are one of the most unreliable parts in an old radio. Don't let "molded" paper capacitors fool you. They are just paper capacitors in plastic cases and are just

as unreliable as the ones coated in wax.

- Modern nonelectrolytic capacitors — i.e. mica capacitors, film capacitors, ceramic capacitors, etc. — are nonpolar. This means you don't have to worry about which end to connect when replacing old paper capacitors with new film capacitors. As Figure 2 shows, new mica capacitors are also smaller than their old counterparts.
- Although nonpolar, old paper capacitors had black bands at one end to indicate which wire lead was connected to the outside foil. The end with the outside foil was connected to the ground or lowest voltage.
- When replacing paper capacitors with film capacitors keep in mind that capacitance values are "easy to please." The uF value does not need to be exactly the same. For example; if replacing a 0.05 uF capacitor, you can use a 0.047 uF; if replacing a 0.002 uF, you can use 0.0022 uF. These replacements are virtually identical. If you are plus or minus 10 percent, you will usually be well within your radio's factory specifications. (Just be sure your replacement capacitor has a working voltage equal or greater than the original paper capacitor)

ELECTROLYTIC CAPACITOR TIPS

- Electrolytic capacitors are often referred to as "filter capacitors." Electrolytic capacitors help to filter AC (alternating current) power from the DC (direct current) voltage that your radio tubes need to operate.
 - Sizewise, the electrolytics are the largest capacitors. With older sets they are usually encased in aluminum (can type) and mounted on top of the chassis. If they are not on top of the chassis you will find them under the chassis.
 - Capacitors used to be much larger and much more expensive than they are today. Figure 3 shows an older can-type electrolytic capacitor and a currently available replacement. An old multisection electrolytic and its replacements are shown in Figure 4.
- To save on space and cost "multiple section" electrolytics were used. These are simply two,
(Continued on following page)

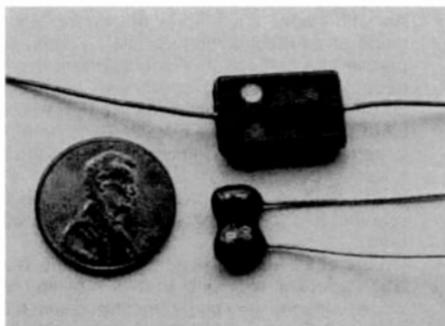


Figure 2. New mica capacitors are also smaller than older micas.

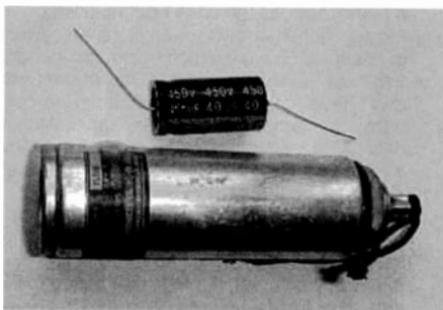


Figure 3. Improved manufacturing technology has reduced the size of electrolytic capacitors. Compare the size of an old capacitor, bottom, with a new equivalent, top.

(Capacitors, continued)

three or four capacitors in the same case. You will notice just one ground connection (black wire) as all the caps usually share that ground. For the can-type capacitors that sit on top of the chassis, the metal can itself is very often the ground. These "multisection" caps can be replaced with several single electrolytics. Modern electrolytics are compact and will easily fit under the chassis. You should leave the old can capacitor on the chassis for original appearance. Just be sure to disconnect it.

- Electrolytic capacitors work hard and are probably the most unreliable part of an antique radio. As they wear out, you get that famous "tube radio hum." Yes, in most cases it is bad filter capacitors that are the cause of that hum. Warning! If your tube radio hums, turn it off and don't use it. Bad electrolytics are not only hard on your ears, but also hard on the tubes, transformers and other parts in your radio. Capacitors are cheap, but tubes and other parts can be expensive and hard to find.
- Electrolytic capacitors have a rated "working voltage" (WV) which is the voltage they can handle. Ideally, an electrolytic capacitor should be operated at a voltage no greater than $\frac{3}{4}$ of its maximum working voltage. Never replace an electrolytic with one that has a lower voltage rating.
- As with paper capacitors, the capacitance value of an electrolytic capacitor is "easy to please," and an exact uF replacement is not necessary. For example, you can replace a 30 uF with a 33 uF or replace a 20 uF with a 22 uF. If you can't find a close replacement, it is better to go with a higher uF value than a lower.
- If you replace an electrolytic capacitor with one that has too low an MFD, your radio will hum.
- On the other hand, if you replace an electrolytic capacitor with one that is too high in value, voltages may be higher than called for.
- Warning! Electrolytics have a negative end and a positive end. If you install an electrolytic with the polarity reversed, not only will your

radio not work, but the electrolytic capacitor could explode.

- As a general rule, AC (tube radios with power transformers) can use 450-volt electrolytics while lightweight AC/DC tube radios can use 160-volt filter capacitors. However, there are exceptions, so it's always best to refer to a schematic.
- Electrolytic capacitors have a shelf life of a couple of years, after which they may need to be reformed. So, make sure you buy "fresh" stock electrolytics (not new old stock). Would you buy a stale loaf of bread if a fresh one were available?
- Electrolytic capacitors should be stored at temperatures of 5 to 35 degrees C (40 to 95 degrees F) and in nonhumid conditions (less than 75 degrees relative humidity) to maximize shelf-life.
- Don't put your tube radio into storage after you have restored the electrics. Once a month, let the radio sing for a half hour or so. This will reform the electrolytic capacitors.

CAPACITOR INSTALLATION TIPS

- When restoring an antique radio, it is standard practice to replace certain of the radio's capacitors. This is known as "recapping" a radio. An old radio may work with its original caps, but for how long? And how safely? If the radio is going to be sold with a guarantee or is being given to someone as a gift, you should "recap" the radio.
- You will want to replace all the paper and electrolytic capacitors. However, do not replace the mica capacitors. Mica capacitors very rarely go bad, and if you replace them, it will throw off the radio's tuning. Replacing the mica capacitors will do more harm than good. Replace a mica only if you are sure it is bad.
- Like mica capacitors, ceramic capacitors also very rarely go bad. Do not replace ceramic disc capacitors unless you are sure one has gone bad.
- Get a schematic and parts list before you start your recap job. It is often impossible to read the values that are on the original capacitors. Also, if the radio was repaired at some time in the past, there is a good chance someone threw in the wrong size capacitors, just to get the radio working. Without a schematic, you'll be guessing.
- While replacing the capacitors, check the radio's resistors. Since you will be replacing the capacitors, you should snip one lead of each paper and electrolytic capacitor. This will help prevent false resistance readings.
- Put insulated tubing spaghetti on the leads of the capacitors and resistors before you solder them into the circuit. This will help prevent dangerous shorts.
- Always check a capacitor before installing it. Although it is very rare, every once in a blue moon, a new capacitor will be defective or off spec. Taking ten seconds to check a capacitor can save you hours of troubleshooting, only to find out you accidentally installed a

brand new "bad" capacitor.

- If you need a higher uF than is available from your retailer, you can connect a couple of capacitors in parallel (side-by-side). For example, if you need 200 uF at 450 volts, you could connect two 100 uF 450-volt capacitors in parallel, and you would end up with 200 uF at 450 volts. You have kept the voltage the same while doubling the uF.
- If you need a higher working voltage, you can connect a couple of capacitors in series (end-to-end). For example two 100 uF at 450 volts in series would give you 50 uF at 900 volts. You have doubled the voltage and halved the uF.
- Last but not least, remember to work safely. The high voltages stored in large capacitors can kill! Before you work with these capacitors, they should be completely discharged. This can be achieved by connecting (bridging) the two ends of the capacitor in question with a high wattage 1,000-ohm resistor, using insulated clips and leads.

I hope you found the above information helpful. If you have any capacitor questions, feel free to contact me.

(Dave Cantelon, Just Radios, 42 Clematis Road, North York, Ontario, Canada, M2J 4X2. Phone: 416-502-9128 Email: justradios@yahoo.com Website: www.justradios.com.)

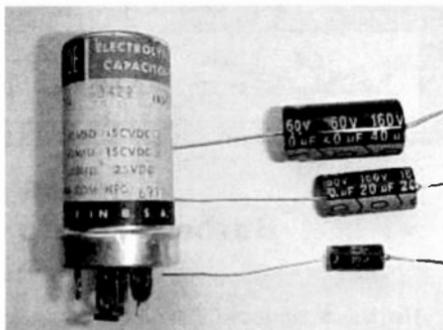


Figure 4. Because of their small size, the three electrolytic capacitors are easily installed under the chassis as replacements for the 3-section electrolytic shown at the left.

Dave Cantelon is an admitted antique radio addict who loves nothing more than bringing back to life an old tube radio, especially pre-World War II AC sets. Dave is active in a number of Antique Radio Clubs in Canada and the USA and is currently treasurer and membership chair of the London Vintage Radio Club (LVRC). Dave and his better half Eabyllyn run the website www.justradios.com, which specializes in capacitors and schematics for vintage tube radios.

A Christmas Restoration

BY EUGENE REED

'Tis the season and the following radio story arrived just in time to remind us of the pleasure of doing unto others. (Editor)

Many of us have restored an elderly radio, but only a few of these radios have brought joy to others...

It was early fall, 1969. I had only recently returned from Thule Air Base, Greenland, where I was in charge of maintenance at the radio & TV station there. Now I was in charge of radio maintenance for the control tower, at Carswell Air Base, Fort Worth, Texas.

My family was settling into off-base housing, and the first Saturday there, while I was out tending to the front yard, the neighbor across the street, also tending to his yard, waved, as all Texans will do. After a while I saw the neighbor crossing the street, so I stopped work and joined him in the street.

Introductions were made. He said his name was Joe, and during our neighborly chat, I found out that he was the foreman of truck maintenance at the local 7-Up plant. He asked what I did and my reply "radio maintenance," was followed by "I have an old radio in the garage that maybe you could fix for me." I had to beg off what with Christmas coming and the house needing work. But, I said I would look into the radio later.

Maybe a week or more before Christmas, I found some spare time to take a look at Joe's radio. Without wasting a moment, he brought

the radio over to my garage. Up to this time, all I could determine was that this was a console, as it was covered with a heavy blanket. Removing the blanket revealed a handsome Airline.

Joe then related how his dad had bought this radio during the Depression for a family Christmas present, and his mother wanted to do him bodily harm for spending so much money during those hard times. Joe told me this radio was the sole source of entertainment for his family for years, and *Grand Ole Opry* on Saturday nights was the favorite program.

A quick check revealed no AC hum and a very weak signal from WBAP. Testing the tubes, I found a 6K7 that was dead. A quick trip to the base radio station, and an N.O.S. 6K7 was found. After the tube had been installed, the radio came to life, with all local and some not local stations being heard.

After supper, my wife called and asked Joe and his wife over for coffee, and maybe card playing. Since it was Saturday night, I tuned in WSM, and had the *Grand Ole Opry* on when they arrived. Tears welled in Joe's eyes and rolled down his cheeks. Unknown to us, his father had passed away a few years earlier after a horrible accident while refueling a hot lawn mower. Joe spent the rest of the evening thanking me, and saying over and over, "Never thought I'd hear Dad's old radio again."

(Eugene P. Reed, 6120 Shenandoah Ave., Las Vegas, NV 89156)



AUCTION REPORT

Estes Auctions Burbank, Ohio — March 20, 2004

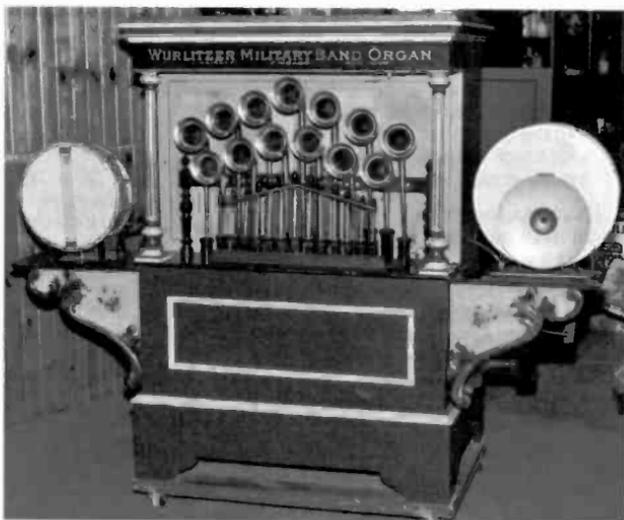
CONTRIBUTED BY RAY CHASE

The March 20, 2004, Estes auction was unique in several ways. First, the auction contained quite a few wonderful non-radio items, such as jukeboxes, phonographs and music boxes; second, those jukeboxes were used to entertain us through the Friday and Saturday viewings. Someone had brought in a batch of 1940s, 1950s, and 1960s records, which, when played on several of the jukeboxes, really brought back memories and entertained us as only a vintage jukebox can. It almost seemed a shame to turn them off to start the auction.

The items offered were largely from the Dr. James Sullivan collection, along with other consignments. The grandest item was a huge Wurlitzer Military Band Organ that was turned on several times during the preview. Unfortunately, it needed some tuning so its full potential could not be heard. Even so, it was an impressive display, and it brought \$12,000 when it crossed the block.

The music boxes and cylinder machines seemed to command good prices, although I confess little knowledge in this field. The jukeboxes, I felt, went for low prices, maybe because if you did not bring a truck, you were at a disadvantage in bidding.

There was a large quantity of radio books and magazines, along with an exceptionally large



This Wurlitzer Military Band Organ was the top dollar item in the auction. It sold for \$12,000.

quantity of Rider manuals that surprisingly sold well. I guess there are plenty of radio people who still prefer paper data to digital data.

Otherwise, there was the usual variety of offerings without too many crystal or transistor sets. The number of tube lots did seem higher than usual. Many of the console radios sold well below their potential; for example, a superb Scott All-wave in a Tasman cabinet brought only \$1,300. Again, perhaps the lack of transport capability held back the bidding. In fact, there were no real "high flyer" radio items this time. Perhaps I'm expecting too much after the January and February auctions.

The auction ran from 10:00 A.M. until 5:00 P.M. without a break, with well over 700 lots being sold. The total sale price realized was about \$68,000. A 5 percent buyer's premium, which is not included in the below listed prices, was charged.

e=excellent, vg=very good, g=good, f=fair, p=poor, unk=unknown condition, N.O.S.=new old stock, wk=working, nwk=not working, WT=with tubes, NT=no tubes, BB=brass-based, TT=tipped tube, SW=shortwave, PS=power supply, PB=push buttons. All prices have been rounded down to the dollar.

A warning: Auction prices are not current values. Our selection of auction items is not necessarily complete. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process. The possibility of error always exists, and if we are notified, corrections will be reported.

Radio & General Items:

AC Dayton XL-153 3-dialer battery set on floor stand, WT & home-brew AC supply	60
Air-King small black portable, g	20
Algonquin 3-dialer, WT, g	80
Antenna kit	20
Apex 3-dialer, WT, g	125
Astatic TV booster, wood case, 4 knobs	10
Atwater Kent 3-tube TA black breadboard unit, NT, g	175
Atwater Kent 10C breadboard, WT, vg	1,100
Atwater Kent 20, in Pooley "side by side" cabinet, vg	325
Atwater Kent 20, WT, p	80
Atwater Kent 30, in Pooley cabinet, needs wk ..	50
Atwater Kent 35, NT	20
Atwater Kent 35, WT (2), g	30
Atwater Kent 35, WT	45
Atwater Kent 37 "coffin," wk, g	55
Atwater Kent 38 "coffin," wk, f	55
Atwater Kent 55 lowboy console, g	110
Atwater Kent 55, in lowboy Pooley cabinet, wk, vg	125
Atwater Kent 55C, in Kiel table, vg	200
Atwater Kent 60 "coffin," wk, p	95
Atwater Kent 60 in Pooley side-by-side highboy console, vg	95
Atwater Kent 217 cathedral, 4 knobs, g	275
Atwater Kent E2 speaker, g	25
Atwater Kent G horn speaker, g driver, f	255
Atwater Kent H horn, g driver	95
B&K 707 suitcase tube tester	20
Baldwin horn speaker, g driver, vg	90
Bally "Captain Fantastic" pinball machine ..	750
Batteries, box of old dry batteries for display ..	20
Battery jar, old	9
Bendix illuminated ad sign, 6" x 36", wk	125
Bendix radio in dropleaf table, "see through" paint is coming off	30
Brunswick Panatrope small console, electric record player w/built-in Radiola 17, vg	45
Clarion white plastic, 2 knobs, f	40
Collins 75A-2 receiver, g	225
Collins mechanical filter	10
Colonial 17 battery set, WT (4, 199s)	25
Conch shell speaker, g driver	175
Cromwell large portable radio-phonorecorder player, f	20
Crosley 50, WT	75
Crosley 51 portable	135
Crosley 51, WT	55
Crosley 51, WT, g	55
Crosley 52, WT, (2), g	55, 65
Crosley 62TD wood table, f	10
Crosley 656 tombstone, 4 knobs, g	125
Crosley plastic table, 2 knobs & PB, 2 bands, g ...	35
Crosley Trirdyn, WT, g	90
Crosley X, WT	70
Crystal set, "Lil Giant"	40
Crystal set, "Radio Hut"	85
Crystal set, Chesington Radio Lab	65
Crystal set, home-brew	30
Crystal set, home-brew slide coil, w/Freshman detector, g	65
Crystal set, Kodol, wrong case	60
Crystal set, Philmore Blackbird	75
Crystal set, Philmore, in box, w/dust cover ...	30



This E.H. Scott Allwave in a Tasman cabinet sold for \$1,300.

Day-Fan 5, NT, f	45
Day-Fan 5049, w/speaker, WT	60
Dayfan single-dial battery set, w/built-in speaker, WT, g	100
DeForest training lessons	5
DeForest training manuals, two small boxes ..	30
Delco small tombstone, 5 knobs, g	70
DeWald D800, AM/FM, plastic, 1949, g	30
Drake 2B receiver, w/speaker	90
Dynaco FM stereo tuner	25
Dynaco FR-5 FM tuner	10
Early hobby toy motor, small	55
Eico AM/FM tuner	10
Eico metal case tube tester	10
Eico preamp	65
Emerson 870, white plastic, g	10
Eveready 3, AC, g	65
Fada 3-dialer, WT, f	45
Fada Special battery set, WT	65
Farnsworth BT1010 large wood table, 4 knobs + PB, g	40
Federal Orthosonic 3-dialer, w/speaker in lid, g ..	100
Fiat bank-wound rectangular loop antenna, g ...	145
Freed-Eisemann 3-dialer, WT, vg	80
Freshman Masterpiece 3-dialer, dial window version, WT	65
Gary Schneider power supply for battery radios ...	85
GE 115W, white plastic, vg	35
GE H51 highboy ornate console, missing knobs ..	55
GE H610 purple plastic, dial needs work, g ...	40
GE J62 ornate wood table, 3 knobs, g	45
General Motors 255 small console. w/sliding doors, looks like a sheet music cabinet, super, vg	450

(Continued on following page)

(Estes Auction, continued)

Grebe MU-1, WT & chains, g	270
Grunow 6N tombstone, 4 knobs, vg	70
Grunow 1181 Teledial, p	12
Guild Grafonola radio/phonograph	65
Hallicrafters S-108, g	50
Hallicrafters S-20R, nice	50
Hallicrafters S-22R, f	15
Hallicrafters S-38, w/paper	65
Hallicrafters S-38E	20
Hallicrafters S-40A, f+	25
Hallicrafters S-53, vg	45
Hallicrafters S-80 Bakelite battery set, w/ home-brew PS, unusual	40
Hallicrafters Sky Champion, f	25
Hallicrafters small speaker, g	60
Hallicrafters Super Skyrider, g	20
Hammarlund HQ 100A receiver, w/clock, g ..	85
Hammarlund HQ-145 receiver, w/clock, g ..	75
Hammarlund SP-600 in metal case, g	90
Harman Kardon amp	30
Harman Kardon tuner	20
Hartman battery set, WT	70
Headphones, (3)	10
Headphones, (4)	12
Heathkit marine radio & direction finder ..	20
Heathkit Mohawk receiver	15
Heathkit SA-2040 antenna tuner, g	80
Heathkit SB-300 receiver	50
Heathkit VL-220 (?) linear amp	65
Hickock 752 suitcase tube tester, w/manual, g ..	105
Hickock 6000 tube tester, red case, g	95
Hickock lab type tube tester, special built for Tung-Sol, unique, g	55
Home-brew 2-tube battery set, w/plug-in coils ..	20
Home-brew 4 tube set	70
Home-brew 5 tube receiver, g	75
Home-brew battery set, WT	30
Home-brew receiver, not old	17
Home-brew transmitter, WT (46 & 47)	20
Howard wood table, g	12

Impedance bridge, N.I.B., w/paper	25
Jewel 538 countertop tube tester, large meter ..	95
Kellogg wood wall phone, vg	175
Kennedy 42 Coronet tombstone, 3 knobs, vg ..	300
Knight T150 transmitter	20
Knight T150 transmitter, rough	10
Kolster table, AC, vg	55
Lafayette HA600 receiver, g	40
Leeds & Northrup bridge	10
Leeds & Northrup decade box, f	5
Leeds & Northrup galvanometer shunt, small box	15
Lesley (?) large wood case organ speaker ..	350
Lil Hustler early toy motor, open winding	45
Lincoln Neutrodyne 3-dialer, WT	75
Loewe table, German, f	35
Magnavox 5-tube battery set, w/speaker in cabinet	70
Magnavox M20 mantel speaker, g driver	30
Magnavox tall horn speaker, no driver	30
Magnavox tall horn, g driver	65
Majestic 50, w/small table stand, g	100
Marconi Canadian service manual, not old ..	10
MCA suitcase wire recorder, vg	40
Medical, spark gap table-top diathermy machine, f	50
Melody Cruiser ship radio, some damage, sails & rigging, g	105
Military, BC-669 (Hallicrafters) receiver/ transmitter, f	75
Military, BC-669 (Hallicrafters) receiver/ transmitter, w/PS & cables, g	150
Military, Collins ART-13, damage to case, f ..	25
Military, strip of frequency crystals	27
Morris coil winder, f	30
Motorola suitcase style analyzer, modern ..	5
National SW-54	25
Neutrodyne 3-dialer, WT, g	90
Neutrowound, WT, but no tube caps, g	300
Nipper salt & pepper shakers	15
Novelty "World Radio" small globe	35



With its 1950s styling, this Rock-ola "Fireball" Model 1436 jukebox is an eyecatcher. A 50-play, 78 rpm machine, it sold for \$600.



This Packard "Pla-Mor" Model 7 jukebox, a 24-play, 78 rpm in very good condition, sold for \$3,400.



This ornate 1936 Wurlitzer jukebox plays 78 rpm records. It sold for \$1,000.



An array of nice wood cabinet table radios that includes Atwater Kent and Philco models.

Parts, Atwater Kent parts & others, box, vg	140
Parts, Cornell Dubilier electrolytics, N.I.B., flat (60±)	80
Parts, electrolytic caps, flat (60)	55
Parts, flat of large knobs	10
Parts, flat of small knobs	15
Philco 14X chairside, w/vg slant-front extension speaker in cabinet, p	95
Philco 37-600, wood, p	15
Philco 37-84 cathedral, g	75
Philco 37-9 console, g	25
Philco 38 cathedral, g	65
Philco 38-12 wood table, g	25
Philco 40-130, wood, 4 knobs, f	20
Philco 40-180 console, f	15
Philco 40-95 wood table, 2 knobs, g	25
Philco 41-221 wood table, white trim & knobs, w/extra hole in cabinet, vg	45
Philco 42-08, white plastic	5
Philco 48-200, white plastic	12
Philco 48-482 wood table, 4 knobs & PB, g	20
Philco 49-500, brown plastic, g	25
Philco 70 cathedral, g	275
Philco 610 tombstone, (2), f, g	70, 75
Philco battery bottle	2
Philco Jr. cathedral, vg	140
Philco neon sign, 6" x 14", old	500
Philco service sign, "List of Charges," 10" x 14"	22
Philco TH4 Transitone, small, wood, vg	40
Philco Transitone wood table, 2 knobs, g	30
Philco Transitone, small, plastic, vg	25
Philco window fan & air freshener, wood case	30
Phillips table, 5-band, small, f	20
Philmore, 4-tube, white plastic	30
Pilot 217 wood case converter	20
Pilot T601 wood FM tuner	30
RCA 14B2 wood table farm set	15
RCA 85T2 tombstone	30
RCA 100 drum speaker, g driver, g	12
RCA 100A speaker	3
RCA 100A speaker, g driver	20
RCA 103 tapestry speaker, g driver, f	35
RCA 106 floor tapestry speaker, g	45
RCA 53656 green plastic	20

RCA Aeriola Sr., needs wood, wk, NT	45
RCA AR-812, NT, (2), f, g	40, 75
RCA K62 console, g	20
RCA Radiola 18, w/hood, vg	120
RCA Radiola 26 battery box, g	225
RCA Radiola 46 highboy console, g	50
RCA Radiola 60, WT, vg	95
RCA Radiola balanced amp, NT	105
RCA Radiola III, NT, (2), g, g	65, 85
RCA Radiola table speaker, vg	55
RCA Radiola V, WT & top	375
RCA UZ-1325 horn, g driver	70
RCA Victor book radio	500
RCA Victor illuminated sign, "Records," 12" x 36"	275
RME 50 receiver, f	10
Rola horn speaker, open driver, f	30
Scott, E.H., 23-tube All Wave, in Tasman cabinet, g chrome, vg	1,300
Scott, E.H., 23-tube, 1933 All Wave, in original cartons, 2 chassis only, f	400
Scott, E.H., marine SLRM, grey, f	50
Scott, E.H., military RCK UHF receiver, CZC-46223 110-160 MHz. & 4 selectable channels	30
Scott, E.H., military receiver	15
Scott, E.H., military SLRM type, f	30
Sears 1428 suitcase guitar amp, WT (6V6)	40
Setchel-Carlson hotel bedstead radio, g	35
Sextet 3-dialer, WT	75
Sherwood 2003 receiver	20
Sherwood 3000 FM receiver	35
Sign, illuminated, "On The Air," not old	50
Silvertone "Century of Progress" stepped tombstone farm set, rebuilt to 1950s tube set	150
Silvertone 704A console, f	17
Silvertone 1967 console, g	40
Silvertone 7054 table, 4 knobs + PB, g	20
Sonora LD93, Ingraham cabinet, vg	85
Spark coil, oak case	20
Sparton 557 blue mirror "Sled," vg	1,700
Sparton battery set	65
Splittorf 3-dialer, WT, vg	100
Steinle 9 2-dialer, WT	85

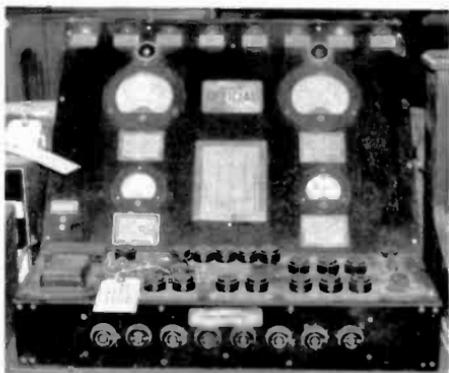
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(Estes Auction, continued)

Steinite battery set, WT	30
Stewart-Warner 330 3-dialer, p	40
Stewart-Warner 900 decorated metal set (coffin), WT, g	105
Stewart-Warner, slant-front, 3-dialer, WT, wk ..	80
Stewart-Warner Varsity, purple plastic, w/ white knobs, vg	75
Stromberg-Carlson 3-dialer chassis, WT, no cabinet, g	45
Stromberg-Carlson 231R chairside, w/leaded glass top, needs repair	215
Stromberg-Carlson switchboard catalog, g ...	35
Supertone small cathedral, f	85
Supreme tube tester, wood case, g	20
Telechron Bakelite clock timer	10
Telegraph, bug	45
Telegraph, bug, g	215
Telegraph, early McElroy bug	85
Telegraph, Electric Specialty bug	75
Telegraph, key and sounder, rough	7
Telegraph, military hand key	17
Telegraph, Vibroplex "Racer" bug, old	45
Telegraph, Vibroplex bug	50
Teletone R5502, small, plastic	15
Toshiba very small 6-transistor radio	10
Tower ship speaker, open driver, cone needs wk, (2), g	135, 135
Trav-Ler leatherette portable, f	10
Triplette multimeter, g	30
Truetone console, g	30
TV repair truck, toy, small, plastic	12



This General Motors Model 255 in super condition sold for \$450. Note the partially closed sliding door that opens to expose the tuning dial and operating controls.



With multicolor indicator lamps, lots of sockets and four meters, this Hickok tube tester was built for the Tung-Sol Tube Company. It sold at auction for only \$55.

US Gloritone 9980 cathedral, 3 knobs, g	65
Utah horn speaker, g driver, repair to base, g ..	75
Utah mantel speaker, g driver, g	50
Victor lowboy console (RE-xx model?)	30
Victor suitcase speaker for a film projector, f ..	20
Voltatone 3-dialer, WT	60
Walker, George "Multi Unit," in box, w/coils ...	55
Waterson wood farm set, f	10
Webster wire recorder	35
Westgate (Chicago) battery set, WT, g	35
Westinghouse H104 large wood table, g	35
Williams "Swinger" pinball machine	300
Yaesu FTX 560 transceiver, f	55
Zenith 6D2615 table, vg	95
Zenith 6R312, black w/white knobs & PB (missing one), g	110
Zenith 8S661 console, g	95
Zenith 9S262 "Shutter Dial" console, g	350
Zenith 14E highboy console, g	75
Zenith 34B lowboy console, g	50
Zenith 52 console, g	55
Zenith 1000 Trans-Oceanic	50
Zenith 1000 Trans-Oceanic, g	55
Zenith clock/radio, green, needs small knobs	15
Zenith F508B, 1950s, coral plastic	22
Zenith H511, AM/FM, 1950s	20
Zenith M105Y plastic table, modernistic, 1950s	25
Zenith Royal DeLuxe, ivory, g	45
Zenith service shop notes	10
Zenith small Universal fabric portable, f	20
Zenith Trans-Oceanic, (3), g	40, 55, 65
Zenith Trans-Oceanic, tube, (2), g	45, 55
Zenith Trans-Oceanic, tube, (2), p	35, 40
Zenith Trans-Oceanic, parts set	35
Zenith, wood AM/FM, 1950s	35

Books, magazines & other paper items:

Allied catalogs, (3)	15
Audel's Electric Library, (11)	25
Audels books, (7)	7
Bureau of Standards, 1918, soft cover	5
Citizens Radio Call Book, f	10
Collins, Golden Age	10
Drake's Encyclopedia, hard cover, f	3
First Electric Book For Boys, f	6

Foreign tube manuals, soft, (4)	5
Gernsback 1932 service manual	10
Lescaboura, <i>Radio for Everybody</i>	6
Meissner instruction manual, f	5
Meyer & Wostrell, <i>Radio Receiving Tubes</i> , hard cover, g	5
<i>Modern Radio Service</i> , hard cover	2
<i>Of Mikes and Men</i> , hard cover	4
Photos, many hundreds of 8.5 x 10 photos of a radio collection, box	35
<i>Popular Science</i> , 1931	2
<i>Popular Science</i> , 1936	5
<i>Practical Radio</i> , hard cover	4
QTC, w/dust jacket	5
<i>Radio & TV</i> , (2) batches, 1953 & 1957	15
<i>Radio & TV</i> , 1950 to 1953, (16±)	12
<i>Radio & TV</i> , 1955, 2 batches	17
<i>Radio Craft</i> 1929, (4)	15
<i>Radio Craft</i> 1930, (6)	15
<i>Radio Craft</i> 1931, (6±)	25
<i>Radio Craft</i> 1931, (6)	30
<i>Radio Craft</i> 1932, batch	25
<i>Radio Craft</i> 1933, (6)	12
<i>Radio Craft</i> 1934, (12)	20
<i>Radio Craft</i> 1936, (4)	4
<i>Radio Craft</i> 1938, (4)	20
<i>Radio Craft</i> 1939, (4)	15
<i>Radio Craft</i> 1940, (3)	5
<i>Radio Craft</i> 1941 & 1942, (12)	15
<i>Radio News</i> 1929, (2)	10
<i>Radio News</i> 1930, (4)	20
<i>Radio News</i> 1930, (6±)	40
<i>Radio News</i> 1931, (6±)	10
<i>Radio News</i> 1932, (6)	10
<i>Radio News</i> 1932, (6)	10
<i>Radio News</i> 1933, (6)	5
<i>Radio News</i> 1933, (6)	10
<i>Radio News</i> 1934, (12)	15
<i>Radio News</i> 1934, (6)	10
<i>Radio News</i> 1935, (6)	7
<i>Radio News</i> 1935, (6)	15
<i>Radio News</i> 1935, f, (3)	2
<i>Radio News</i> 1936, (2)	2
<i>Radio News</i> 1936, (6)	4
<i>Radio News</i> 1936 & 37, (12)	15
<i>Radio News</i> 1938, (12)	15
<i>Radio News</i> 1938, (6)	10
<i>Radio News</i> 1943, (2)	20
<i>Radio News</i> 1943, (6±)	10
<i>Radio News</i> 1944 Signal Corps special issue ..	10
<i>Radio News</i> 1944, (6)	20
<i>Radio News</i> 1944, (8)	25
<i>Radio News</i> 1944, (8±)	15
<i>Radio News</i> 1945, (6)	7
<i>Radio News</i> 1945, (8)	5
<i>Radio News</i> 1946, (6)	10
<i>Radio News</i> 1946, (6)	12
<i>Radio News</i> 1946, (8±)	17
<i>Radio News</i> 1947, (20±)	12
<i>Radio News</i> 1947, (6)	10
<i>Radio News</i> 1948, (6)	15
<i>Radio News</i> 1948, (8)	15
<i>Radio News</i> 1949, (6)	3
<i>Radio News</i> 1949, (6)	7
<i>Radio News</i> 1954 & 56, (11±)	15
<i>Radio News</i> 1956 & 57, (15±)	12
<i>Radio News</i> , 1931, (3)	25



A Hallicrafters speaker sits atop a Hammarlund SP-600 communications receiver. The radio sold for \$90 and the speaker sold for \$60.

<i>Radio Simplified</i> , hard cover, g	6
<i>Radio Theory Simplified</i> , hard cover, f	5
RCA tube manuals, black binding, (8±) each ..	55
Rider 1931 early Vol. I, p	50
Rider TV Service Manual, Vol. 1	17
Rider, 1931, Vol. I, g	20
Rider, TV Vols. 1 & 2	60
Rider, Vols. 1-5	110
Rider, Vols. 1-5 abridged	15
Rider, Vols. 1-5, abridged	20
Rider, Vols. 2, 5, 6, 13	60
Rider, Vol. 3	15
Rider, Vols. 3-8	30
Rider, Vols. 4-8	45
Rider, Vols. 5, 6, 7, 10, 11	25
Rider, Vols. 6-10	40
Rider, Vols. 6, 8, 13	15
Rider, Vols. 7 & 10	10
Rider, Vols. 10-14	25
Rider, Vols. 10-14	50
Rider, Vols. 11, 12, 14 & 16	20
Rider, Vol. 15	15
Rider, Vols. 15 & 16	35
Rider, Vol. 22	20
<i>Saga of the Vacuum Tube</i> , soft	7
<i>Science & Mechanics</i>	5
<i>Science & Mechanics</i> 1933	6
Silvertone 1928-1938 service & parts manual ..	25
<i>Vintage Radio</i> , hard cover	7
William B. Duck, 1919, #12 catalog, g	115

Mechanical Music Items:

Auraphone wood case crank music box	450
Columbia 20th Century graphophone, parts missing	700
Columbia Graphanola console record player, g ..	110
Columbia tabletop disc machine	650
Concert Roller cob crank organ, table model, wk, g	550

(Continued on following page)

(Estes Auction, continued)

Crank & reproducer for a child's phonograph	40
Criterion music box, wk	1,100
Driver unit to connect a radio to a Victrola horn	20
Edison Amberola 50 table cylinder machine	250
Edison Bell cylinder machine	210
Edison cylinders, in wood box, w/cases, (24)	90
Edison cylinders, w/cases, box (20)	35
Edison Morning Glory concert horn only, 5" long, f	170
Edison Morning Glory horn only, (3), g	40, 45, 50
Edison Morning Glory horn only, (4), f	30, 35, 50, 55
Edison Morning Glory horn only, p	30
Edison Morning Glory horn only, red	60
Edison Morning Glory horn only, some rust	55
Edison Morning Glory horn only, standard model	40
Edison Signet horn only, rusted, hole in neck, g	205
Edison Standard Model A disc machine, f to p	225
Edison Standard Morning Glory horn only, f	35
Edison Standard Morning Glory horn only, g	40
Edison Straight Morning Glory horn only	40
Edison Triumph cylinder machine, needs wk	1,150
Edison Triumph Morning Glory horn only, g	135
Jukebox amplifier, WT (4 6V6s)	20
Jukebox amplifier, WT (4 6V6s)	20
Mills piano rolls, large, (2)	90
Ornate music cabinet, nice	150
Packard "Pla-Mor" Model 7 jukebox, 24-play, 78 rpm, vg	3,400
Piano rolls, (21)	40
Piano rolls, (40±)	10
Player organ large paper rolls in wood crate, (3)	265
Record player, plastic, 45 rpm	15
Regina music box discs, (8)	90
Regina music box, w/several discs, wk, vg	1,500
Regina table music box, vg	2,600
Rockola 120 jukebox, needs wk	400
Rockola 1436 jukebox, 1952, 120 "Fireball," 50-play, 78 rpm, needs cartridge & other wk, g	600
Rowe AMI E-80 jukebox, 1952, 45 rpm, 80-play, amp needs recap, changer wk	400
Rowe AMI E-80 jukebox, 1953, 45 rpm, 80-play, restored & working, vg	700
Rowe AMI jukebox, wk	175
Victor Morning Glory horn only, large, f +	250
Victor VB 50 oak case disc machine, g	150



This Hallicrafters Model S-80 "Defender" is a battery-operated radio. Along with a home-brew power supply, it sold for \$40.



This Brunswick Panatrope, with a built-in Radiola 17 and in super condition, was a deal at \$45.

Victor VE812 electric record player consoles, (2)	500
Victor VV240 small floor phonograph, vg	175
Western Electric Piano Co. nickelodeon, wk but not too well, vg	2,000
Wurlitzer 412 jukebox, 1936, wood cabinet, 12 play, 78 rpm, needs cartridge, vg	1,000
Wurlitzer Military Band Organ, w/4 player rolls, partially wk	12,000
Wurlitzer 1800 jukebox, 45 rpm player, 104 play, needs cartridge, vg	1,200

Microphones:

Astatic D104 desk lollipop microphone	30
Astatic lollipop desk microphone	30
Electro-Voice 726	95
Knight	20
Microphone stand, early and heavy	55
Monarch TM-20	45
Rawlins desk microphone	45
Shure 55, f	45
Shure S55	65
Turner 9N desk microphone	45
Uniden	45
Uniden	50

Tubes:

01-A, (5) globe, gf, (6)	50
01-A, BB, TT	30
01-A, globe, (3) & (1 dud)	20
01-A, globe, gf, (10)	75
01-A, N.I.B., (2)	30
6E5, tested, (2)	25

6L6, gf, used, (21)	80
6L6, glass, gf, (12)	95
6L6, glass, tested, (8)	35
6L6, metal, (4)	10
6N6G, N.I.B., (2)	15
10, ST, gf	20
12A, (4) globe, & (1) dud, (5)	25
24A, (10)	7
26, (30) w/gf, (33)	30
27 (12), & 22 (2), & camera tube	5
27, globe, gf, (10)	20
27, mostly globe, gf, (33)	25
35/51, N.O.S., (6)	10
42, ST, gf, (11)	15
45, globe, gf, (5) lots, (2) in each lot per lot:	55 to 75
47, used, gf, (2)	10
49, N.I.B., (2)	10
50, N.O.S., ST	45
50, ST	45
57, N.I.B., (4)	10
59, gf, (4)	40
71, globe, gf, (2)	15
71A, gf, (7)	45
71A, globe, gf, (5)	40
80, globe, gf, (2)	15
80, tested (8)	15
81, (2)	5
99, (2) UV, (2) UX, gf, (4)	30
99, BB, gf, (2)	15
199, BB, TT, gf	20
200A, (2)	10
201, BB, TT, (2)	65
204, mounted on board, gf	30
810, w/RCA logo, (2)	25
1846 iconoscope, small, military, gf	45
1850A large iconoscope, gf	80
3811 (USN 211), BB, transmitting	25
5691 (2), & 5692 (1), gf, (3)	25
6550, gf, (2)	20
6550, gf, (2)	40
7527A transmitting	5
Amperex 203H, transmitting, (2)	5
Amperite etc., ballast, (13)	30
Arcturus 12A, blue, gf	30
Arcturus 24, blue, (2) w/gf, (3)	15
Arcturus 27	20



Whata buy! Of course you need space (plus some muscle) to accommodate this 1929 Atwater Kent Model 60 console. It sold for \$95.



This Collins Model 75A-2 in good condition brought \$225 in the auction.

Cunningham WD-11, gf	25
DeForest 471D, gf	5
DeForest 511E transmitting, BB, gf	40
EL-34, N.O.S., (2)	80
EL-34, used, (2)	30
Eveready 201, N.I.B.	10
Indicator tubes, (12)	45
McCullough 401, (2)	20
McCullough 401, gf	15
McCullough 401, in box, (2)	30
Miscellaneous, foreign tubes, Mullard, etc., flat, (50)	50
Mullard VMS4B, in box	10
RCA 2A3 double plate, gf	15
RCA 2A3, gf, (2)	35
RCA, globe, (50), gf	80
Shaw-based 301, BB, TT, gf	85
Silvertone 45, globe, gf	15
Silvertone 45A, gf, (2)	40
Sonora RA1, blue, TT	35
ST 40, gf, (2)	10
ST 45, gf, (3), (3)	20, 30
ST 45A, gf, (2)	25
ST 71A, in box, (2)	20
Tube caddy, large & full	20
UV-01-A, gf, (3)	20
UV-201, BB, TT, peach colored, gf	45
UV-99, gf, (3), (5)	35, 45
UX-01-A, gf, & (1) dud, (8)	60
UX-01-A, globe, gf, (8)	65
UX-220, gf, (4)	30
UX-99, gf, (5)	40
VT-4, (211), gf	30
VT-4C, (211), gf	40
WD-11, BB, gf	75
WD-11, BB, TT, gf	65
WD-11, gf	30
WE 242A, BB, TT, gf	40
WE 274 rectifier	30
Westinghouse 860 transmitting, gf	30
Wizard 01-A, BB	7
World War I TB-1 regulator tube	10
Zahl VT-158, World War II 600 MHz. radar, in box	70

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060; Estes Auctions, 7404 Ryan Rd., Medina, OH 44256; Toll free: (888) 769-4992; estesauctions@aol.com)



AUCTION REPORT

Smith Auction Company — William Fitch Collection

Morgantown, Pennsylvania — April 24, 2004

REPORTED BY LISA STARNES

At this auction, if you left empty-handed, then I reckon you had forgotten your wallet. There was truly something for everyone at this extensive, springtime auction featuring the collection of the late William Fitch of Pottstown, Pennsylvania. Included were over 600 catalogued items, nearly 300 tube and novelty radios, 130 microphones, as well as quack/electro-medical devices, test equipment, televisions, telegraph equipment, phonographs and a nice array of speakers and horns.

In addition to the catalogued items, there were hundreds of uncatalogued lots, including more radios, books, tubes, telephones, testers, and Ham equipment. Due to the sheer volume of items, a simultaneous auction was held outdoors for most of the uncatalogued items and other test equipment treasures. At the day's end, there were plenty of happy folk leaving the auction heavily laden with electronic joy.

I thought radio prices were quite reasonable and many bargains were to be found, especially for the eagle-eyed collector who took the time to sift through the stacks of the uncatalogued items. There were a few interesting surprises, including a box of old "tubes" which looked to me like a box of early light bulbs!



Some examples of quack medical devices that were offered as the cure for a number of ailments.

The highlight of the auction was Mr. Fitch's very fine and extensive microphone collection that attracted buyers from as far as Canada and Texas. The collection featured a wide array of mikes, both table and floor types, and including many early ring and caged mikes. There was great interest in this part of the collection, and judging by the sheer number of bidders, as well as the phone-in bids, the microphone prices were not as soft as radio prices.

Well over 100 microphones sold at an average price of \$125 each (excluding those sold in lots). Two very nice RCA 77 microphones in their original aluminum cases created a lot of excitement; one of these sold for \$1,650. Even those of us who are not mike collectors were hanging on the edge of our seats to see just how far some of the bidders would go!

For the radio collector, this was not an especially "high-end" auction; however, there were some very desirable radios. The two highest priced radios were an Atwater Kent 4700 breadboard, selling at \$550, and an E.H. Scott Phantom in an Acousticraft cabinet, also selling for \$650. The Scott cabinet was in good condition; however, some work will be required to restore the chassis

A warning: Auction prices are not current values. Our selection of auction items is not necessarily complete. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process. The possibility of error always exists, and if we are notified, corrections will be reported.



This very nice 5-tube Zenith Model 5S237 chair-side from 1937 sold for \$90.

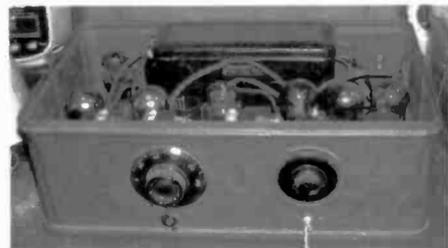
to its original luster.

There were several nice wooden table radios (some with Ingraham cabinets), and this author was very pleased to provide a new home for two of them. The speakers and horns were quite varied. In addition to the typical lot of RCA 100A and Atwater Kent E speakers, there were a few unusual pieces, including a chrome King Amplitone horn and a Tower Adventurer Ship speaker.

Overall, this auction cleared about \$43,000 total sales, both indoors and outdoors. I managed to record about \$33,000 in sales from the indoor auction (excluding the 10 to 12 percent buyer's premium and 6 percent tax). Not everything was sold during the 7-hour period, so the remaining items will be sold in another Smith Vintage Electronics auction planned for the fall.

Most folks went away extremely happy. Fellow New Jersey Antique Radio Club member Norm Hertz left with a truck filled with goodies. He later commented: "When I pulled into my garage, I started to unpack my purchases, but soon found that I could not move. I actually had to pack some stuff back in the truck just so I could make a path out of the garage. Now that's what I call a fun auction!"

Prices are rounded down to the dollar. Some lots, as well as low priced, incompletely described, and poor condition items have been omitted.



This 1928, metal-cased Atwater Kent Model 42, in very good condition, brought \$35.



This Bestone V-60, a 3-dial TRF, with tubes, sold for \$85.

e=excellent, vg=very good, g=good, f=fair, p=poor, WT=with tubes, NT=no tubes, BB=brass-based, N.I.B.=new in box, WU=Western Union

Radios:

Abbotwares horse radio, vg	\$120
Admiral 7T10M-N, missing power cord, g	10
Air King 46(?), g	65
Airline "Movie Dial" 62-318, missing dial plate, f	30
Arvin 417, missing knobs, g	90
Arvin 664A, missing power cord, f	10
Atwater Kent 20, table, BB, WT, f	25
Atwater Kent 35, NT, g	20
Atwater Kent 40, metal table, WT, g	15
Atwater Kent 42, WT, g	35
Atwater Kent 4700 breadboard, NT, g	550
Automatic 613X, g	45
Bestone V-60, WT, g	85
Capehart Turnover record changer, g	25
Channel Master 6, red, vg	5
Crosley 10-138, maroon, g	55
Crosley 11-100U, wrong knob, g	50
Crosley 50, NT, f	57
Crosley 52, WT, g	50
Crosley 56TC, g	22
Crosley D25MN, vg	65
Dahlberg pillow speaker radio, g	17
Delco 1105, g	55
Delco R-1238, g	45

(Continued on following page)



These RCA 77 microphones in their original, cushioned, aluminum cases, sold for \$1,650 and \$750, and were highlights of the auction.

(Smith Auction, continued)

E.H. Scott Phantom, w/Acousticraft cabinet, cabinet g, chassis f-g	650
Elgm, f	22
Emerson 418, Ingraham, g	45
Emerson 440, g	65
Emerson 517 "Modeme," black, painted (?), g	25
Emerson 539, g	25
Emerson 543, plastic, f-g	15
Emerson 570 "Memento," black & gold, g	17
Emerson CC-268, g	25
Emerson Jewel Box, f	7
Emerson, 1940s, red plastic, vg	200
Emerson, Ingraham cabinet, f	20
Fada 380T, wood, g	150
Fada 845, missing power cord, g	140
Federal 110, WT, f	230
Freed-Eisemann NR-5, WT, g	50
Freed-Eisemann NR-6, WT, vg	90
Freshman Masterpiece, w/built in speaker, tubes (?), vg	100
General Electric 200, g	17

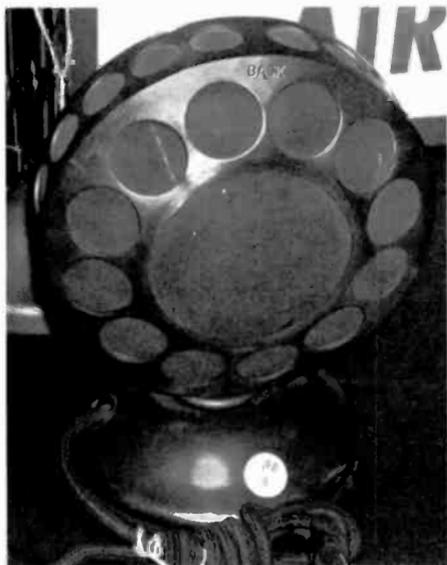


This Edison acoustic phonograph, with wind-up handle on the right side of the cabinet, provided musical entertainment during the auction preview.



This 28-tube E.H. Scott Phantom in an Acousticraft cabinet sold for \$650. It uses two tuning eye tubes.

General Electric 202, f	5
General Electric G-50, f	40
General Electric J54, g	17
General Electric L-613, wood, f	30
Grundig TR, W. Germany	15
Hallicrafters SX110, vg	90
Heimbox, W. Germany, g	5
Home-brew crystal set, w/earphones, g	25
Marconi 339, light blue & gold, g	5
Motorola 53H, vg	35
Motorola X19E, f	5
National NC46, shortwave, w/speaker, f	89
Old Lager keg radio, g	65
Panasonic Lot: R1449, R1158, RF728, g	2
Panasonic R-70, green, red, purple, (3), g	30
Philco 20 cathedral, g	150
Philco 29 console, f	45
Philco 37-610, f	40
Philco 38-12, wood, vg	55
Philco 38-15, wood, g	55
Philco 38-3 console, f-g	100
Philco 38-62, missing power cord, g	50
Philco 46-200 Transitone, f	7
Philco 46-200 Transitone, g	10
Philco 50-1422 radio/record player, g	5
Philco 51-532, g	20
Philco 53-954, g	5
Philco 60 cathedral, g, (2)	80, 100
Philco 89 console, f	70
Philco Junior 80 clock radio, missing knob, vg	160
Philco PT-44 Transitone, g	25
Philco TH-4 Transitone, f	15
Pilot FM T601 tuner, g	20
Porta Bar radio, w/glasses, g	140



A rear view of a very nice brass Western Electric 387W microphone, which sold for \$375.

Radio Lamp Co. of America, g	150
RCA 1X, missing power cord, vg	45
RCA 9TX-31, missing power cord, f	30
RCA 9TX3, g	25
RCA 55X, cracked dial cover, g	40
RCA 75X15, vg	7
RCA R32 console, w/instr booklet, g	25
RCA Radiola 25, NT, missing antenna, f-g	25
RCA Radiola 60, WT, f	35
RCA Radiola II, WT, g	160
RCA Radiola III, WT, g	75
RCA T-64, vg	65
RCA T6-9, missing dial plate, g	60
Regal Radio, (2), g	40
Setchell-Carlson 416, g	40
Silvertone 1154 grandfather clock radio, f	100
Silvertone 3361, g	45
Simplex cathedral, small, f	90
Smokerette, missing 1 knob, g	40
Stromberg-Carlson 1400-H, brown, f-g	25
Truetone D-2210, metal cabinet, missing power cord, g	40
Watterson 506-P, f	5
Wega 809-1, German, g	5
Westinghouse 6 RS90P6, f	2
Westinghouse H122A, w/ cabinet, g	25
Westinghouse H126 Refrigerator, ivory, missing knobs, g	25
Westinghouse, 1950s, swirled plastic maroon, g	50
Zenith 5-S-237 chairside, g	90
Zenith 6-D-510, g	10
Zenith 6-R-683 radio/record player, g	10
Zenith H-500, Trans-Oceanic, vg	70
Zenith R-615, brown, vg	22
Zenith Royal 500H, g	10
Zenith Wavemagnet portable, w/magnet antenna, f	15

Novelty Radios:

AM/FM "On the Air" microphone, w/box, vg	\$2
AM/FM OTA-80 microphone radio, vg	5
Atwater Kent knight radio, g	12
Big Bird radio, w/box, vg	1
Champion sparkplug radios, (2), g	60
Classic car solid-state radio, 1931, w/box, vg	2
Coca Cola radio, w/box, Jake Russell Co., vg	7
Continental Piano, vg	220
Crosley AM/FM repro, N.I.B., vg	12
Crosley CR1 AM/FM cassette, vg	12
Crosley CR3 AM/FM cassette, N.I.B., vg	12
Diamond Crystal Salt radio,	1
Elvis transistor radio, vg	5
Fleet World, vg	12
Gas Pump radio, vg	20
Gramophone micro cassette player, vg	6
Jamica 6 Jewel Box SRB-12, g	2
John Player special motorized radio,	1
K63 Cadillac radio, w/box, vg	2
KR radio snap-on, vg	7
Leadworks "On the Air" microphone radio, vg	2
Luxtone panda bear radio and Sonnet Lady Bug radio, g & g	2
Majestic Melody Cruiser, f	70
Mark Twain 611 paddle boat, Japanese, vg	10
Marshall MS-2 micro amp, vg	7
Miniature Victrola, AMICO transistor radio	5
Novelty frog band,	5
Old whiskey bottle radio, f-g	35
Owl radio, g	17
Radio USA Hyman microphone, from 1940s style radio, vg	5
Rolls Royce Phantom V radio, vg	2
Stanley Lock radio, w/box, vg	2
Telephone radio, Hong Kong, vg	1
Thomas 131 parking meter, vg	5
Thomas Collector Edit 317th radio, vg	5
Thomas jukebox CR-11, Collectors Edition	12
WBAZ microphone radio, vg	80
Windsor AM/FM microphone radio, w/box, vg	1
Windsor Dog radio, w/box, vg	2
Windsor jukebox radio, w/box, vg	1
Windsor jukebox, N.I.B.	2

(Continued on following page)



RCA and Electro-Voice seem to dominate this display. However, other makers are included, such as Turner and Shure. The Auricon E6, front left, is painted a bright green.

(Smith Auction, continued)

Windsor, Philco Repr0 2136LS, 1932, vg	5
WPAZ 1370 microphone radio, vg	35

Telegraph equipment:

Bunnell Key 200 Relay, g	\$20
Bunnell Key and Sounder, wood base, (2), vg ..	60
Bunnell PRR, 1892, metal & wood base, vg ..	30
Bunnell Relay, 1,000 ohms, wood & metal base, g	10
Bunnell Sounder, f	25
WU Relay, metal base, vg	10
WU Relay, on wooden base, vg	50
WU Sounder 1-8-400, key, relay, g	22

Television:

Motorola Portable TV, 1950s, turquoise, g ..	\$45
Philco Predicta (cracked tube), f-g	140
RCA Victor Portable TV, 1950s, red, g	40

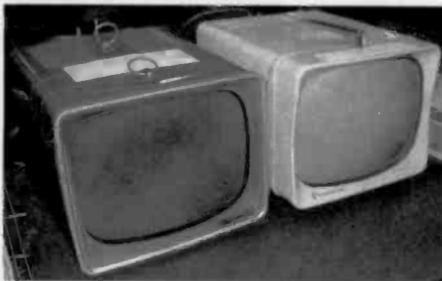
Microphones:

AKG D1ZE, g	\$80
AKG D224E, original box, g	55
AKG D40, original box	5
Altec 633A, f	35
Altec 633A, g, (2)	30, 32
Altec 660B, g	25
Altec 685A, in Shure Box (brass), g	25
Altec 539A, w/power supply, N.I.B., vg	70
Altec, made by Westinghouse, (Cage type), g	350
American D-4-T, g	35
American D-4-TZ, g	30
American EL, (Ring type)	130
American R331, original box, g	100
American XX7852 (Ring type), g	160
Amperite RA1E (black), g	225

Amperite RB, g	120
Amperite RS, w/floor stand,	60
Astatic D104, (2), g	150
Astatic DN200, g	30
Astatic DN50, g	15
Astatic MU2, g	45
Astatic R3, f	30
Astatic T3, g	40
Auricon E6, green, g	35
Auricon E6, g	35
BMS, original box, g	15
Bruno MBHF,	45
Brush BA 106, f	30
Celeste RBH/WS, NIB, vg, (3)	100, 100, 110
Connecticut Tel. & Elec. (Ring type), f	140
Electro-Voice 611, g	70
Electro-Voice 623, f	35
Electro-Voice 630, g	20
Electro-Voice 636, original box, g	30
Electro-Voice 641, g	35
Electro-Voice 654, (2), g	20, 35
Electro-Voice 664, (3), f	20, 45, 45
Electro-Voice 664, (2), g	35, 50
Electro-Voice 664, original box, g	90
Electro-Voice 665, f	15
Electro-Voice 667A, f	275
Electro-Voice 676, original box, (2), g	25, 30
Electro-Voice 911, g	35
Electro-Voice 924, g	5
Electro-Voice 950, g	35
Electro-Voice V-2A, g	140
Electro-Voice Vw (?), w/floor stand,	175
Lafayette Stereo,	30
Little Wonder, original box, g	10
Microphone Flags, new, box lot	140
Microphone Parts, box lot	275



A relaxing Mickey Mouse stands out in this display, which includes a mustard jar radio and several classic car radios.



Two portable TVs from the 1950s: the red RCA Victor, left, sold for \$40; the turquoise and white Motorola, right, sold for \$45.

(Smith Auction, continued)

Velvet Borkman Radio Corp speaker, g 115

Phonographs:

Brunswick phonograph arm, double head,
 (plays 3 types records), g \$35
 Columbia Gramophone w/nickel horn, vg..1,500
 Cylinder records, box, 85
 Cylinder records, box, 100
 Edison Cylinder machine type 30, g 240
 Edison Cylinder, w/black, brass horn, vg 450
 Edlson Disc H19 phonograph, vg 275
 Edison Standard Cylinder, g 325
 Edison Standard Cylinder, vg 325
 Victor Type R Disc phonograph, vg 1,150
 Walker, LS & EH., Mignonphone in beautiful
 red leather case, vg 170

Electro-Medical Items:

Betz, Frank S., quack machine, In black box, g . \$30
 Betz, Frank S., quack machine, In metal case, g 45
 Burton Therapy Electro, w/meter & tube, g 40
 Electric Therapy quack machine, in case, vg 210



From 1924, this 5-tube Freshman Masterpiece TRF set sold for \$100.

Enduro Spark Coil American Electric, wk, g .. 85
 Home Medical Apparatus, 4DD, oak box, vg . 45
 J.A. Barrett Battery Company, chloride of
 silver machine, in walnut case, g 95
 Kidder, J., free standing quack machine,
 1876 patent, g 500
 Kidders, Jerome, electromagnetic machine,
 1864, g 125
 Medical compressor on wood base, vg 160
 National Electronic Instrument Company cau-
 tery set, vg 70
 Pill Maker, primitive, brass & wood (2 pieces),
 vg 105
 Renulife ultraviolet quack machine, w/ozone
 generator, g 95
 Rogers Electric Laboratory quack apparatus,
 w/ wand, g 45
 Romnad coil, quack piece on metal frame, g . 40
 Sonotone in metal box, f 30
 The Dow Electric Assistant, in oak case, f 40
 Waite and Bartlett 1" spark coil, g 260
 Waite and Bartlett quack machine, on wood
 base, g 175
 Wet Cell quack machine, in oak case, g 100

Miscellaneous:

English galvanometer, early, vg \$300
 K&D volt meter & ammeter, early, g 70
 Lightbulbs, early, box, 350
 Nipper, 3' paper maché dog, f 30
 Play Radio Game, g 10
 Radio station clock, KDRO 1450, g 20
 RCA Nipper pins, g 50
 RCA Suncatcher, vg 5
 Tube(s): TV and Radio, lots 15-25

(Lisa Starnes, 83 Prospect St., Madison, NJ
 07940. Smith Auction Co., Morgantown, PA
 www.smithauctionco.com)

Our thanks to Lisa Starnes, a member of the
 New Jersey Antique Radio Club, for covering this
 auction, for her friend veteran reporter Ray Chase.
 Lisa's fascination with radio history led to the
 beginning of a collection about seven years ago.
 Her particular interest is in Stromberg-Carlson.
 It's our good fortune that she also enjoys report-
 ing on auctions. Welcome, Lisa.



A pipe smoker's radio, this Bakelite-cased Smok-erette, ca. 1947, offers a radio, pipe rack and tobacco humidors. It sold for \$100.



BOOK REVIEW

Collector's Guide To Antique Radios, Sixth Edition By John Slusser

REVIEWED BY DAVE CROCKER

It's here! After three years, the updated version of the most comprehensive, single-volume radio collector's guide is available, and it's about time! The many changes in our hobby in just the last few years have affected radio values. The current edition is up from 285 pages in 2001 to 320 pages for 2004, with lots more radio photos and more accurate prices.

When you're about to make a radio purchase, this is the book you have to open to finalize your decision. Most antique radio collectors have earlier editions of this guide, and unfortunately, if you're looking for a bargain, so do a lot of antique stores we frequent.

Keep in mind that prices quoted are just what the book title says — it's simply a guide. And, the prices are for radios that are complete and in original condition, but not necessarily working. On the other hand, they could be made to play with a little work. Make no mistake, working sets are a plus! You can assume that the prices in this book are for radios with tubes. The exception is battery sets of the early 1920s which, when bought new, came without tubes and would be unlikely to have tubes now. This issue should be clarified before you buy an early battery set.

A little caution: when you are looking down the listing on a page, it may seem that a model number has been left out. If you check out the captions under each radio photograph, you'll usually find it there. Slusser states that not duplicating the photo description in the listing made room for more photos.

However, it is nice to see that Slusser has included a lot more photos of battery sets in his sixth edition. In particular, be sure to check out the beautiful pictures of the Scott radios, some of which are repeats from the last book, but awe-



some nonetheless.

Wishes? Not much, but I'd like to see the Atwater Kent bread-board section include Atwater Kent part numbers, such as 3925, 3945, etc. That would clear up the missing model numbers like 3 and 4. And how about the Atwater Kent crystal set?

For the most part, this whole series of price guides, right from Marty Bunis' first edition, has been a boon to collectors interested in identification and evaluation of radios of the 1930s and 1940s. This "Classic" era includes the beautifully crafted cathedrals, tombstones, and Catalinas that are so prominent now. As for the new prices listed in this

latest edition, well, some of my radios have gone up, and some have stabilized. Hardly any go down, but you'll never know until you get your own copy!

Collector's Guide To Antique Radios, Sixth Edition, by John Slusser is published by Collector Books. It has 320 pages in a softcover 8 1/2" x 11" format. Priced at \$24.95, it is available from A.R.C. and other book sellers.

(Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, MA 02649)

The exclusion of photographed radios from the listing is a major flaw with the book. Since the photo is often not on the page on which you would expect the set to be listed, you must search the three or four pages before and the four or five pages after the place in the listing that you expected to find the radio. Only after looking through these additional pages, do you either find the radio or discover that it is not included in the book. For five editions of this book, it was easy to find radios or to discover that they were missing in the listing. Why change the policy? As is often said, "If it ain't broke, don't fix it!" (Editor)



BOOK REVIEW

Tickling the Crystal 2: Domestic British Crystal Sets of the 1920s

By Ian Sanders

REVIEWED BY HOWARD STONE

I was excited when the second volume of *Tickling the Crystal: Domestic British Crystal Sets of the 1920s* came out. I wrote the review of Ian Sanders' first volume for A.R.C., and although I was quite complimentary of the edition, I criticized it for being incomplete. If I recall my words, I had half a dozen examples of British crystal sets in my own collection that were not pictured in the first volume. Well, Ian Sanders contacted me and told me of his developing plans for this second edition. Here it is and it was worth the wait.

Like the first volume, the quality of the photography of the crystal sets is extraordinary. Carl Glover who photographed the radios for the first volume, did it again for the second one. I know of no book on radio that has pictures of higher quality. None.

Now, for some, there may be a downside to this quality production — the book costs \$64.95. You don't always get what you paid for when shelling out for something that costs more than the general market, but you certainly do with *Tickling the Crystal 2: Domestic British Crystal Sets of the 1920s*.

Another thing the reader will appreciate is the quality of the crystal sets illustrated in the book. Some books on radio show poor examples of sets, ones that have missing parts or are incorrect in some details, and these are not always pointed out in the text. Not so with *Tickling the Crystal 2: Domestic British Crystal Sets of the 1920s*.

Lets talk about the text. Sanders' book is not merely a picture book. The writing in Volume 2 takes off from where the first volume left off. Ian Sanders' research is impeccable, and he writes in clear prose. You can understand what he is saying!



If he wrote this book for money he would have made more flipping burgers at McDonalds. I, for example, have been trying to write a volume on the Marconi 16 crystal set (1914) for some time, and finding good primary sources for information is very difficult. Research takes a lot of time, and we owe a debt of gratitude to Ian Sanders and others who painstakingly unearth and bring to written form the history of the radios we enjoy so much.

The book opens with additional history of mid-to-large size radio manufacturing companies that Sanders has unearthed since the first volume. Two manufacturers of especial interest to U.S. readers because their sets are regularly seen here — Brownie and Gecophone — are

covered in detail.

There is an interesting chapter on crystal set components, including some fascinating crystal detectors; for example, the "Eccentric," a self-adjusting type of detector that originated in France but was sold by W. Joanes and Horme Brothers, both of London. What is intriguing about this detector is that by turning the knob on the top an eccentric cam rotates and moves the catwhisker about the galena. There also is a chapter on mechanical amplifiers for crystal sets, something uncommon in the U. S.

Most of the book, happily, is devoted to the pictorial dictionary of crystal sets. Sanders covers one set per page: a short description of the set and a crystal clear picture of the radio. Included are pictures of some radios that I doubt many collectors have ever seen before. This is the heart of the book and *Tickling the Crystal 2: Domestic British Crystal Sets of the 1920s* really delivers.

Yes, I could nitpick in a couple of places; for

example, the Wainwright Manufacturing Model W&M is listed on page 118 but left out of the GPO list of models at the end of the text. Still, this is a really good book that was worth the wait. It closes with a much appreciated combined index for both volumes.

I am left with one question after reading *Tickling the Crystal 2: Domestic British Crystal Sets of the 1920s*: Is Volume 2 the last one? I am now satisfied that Sanders has covered the preponderance of British crystal sets in his two volumes. But I expect that there are a few other sets lurking in collections throughout the world that could make up a third edition. Mind you, these sets would be little known ones, and Volume 3 would be smaller. Nevertheless, I wonder if there will ever be Volume 3.

Tickling the Crystal 2: Domestic British Crystal Sets of the 1920s by Ian Sanders and photo-

graphed by Carl Glover is a must for crystal set collectors and for anyone interested in radio in the early 1920s. I ended the review of the first volume by saying, "...it fills a much needed gap in the literature of early wireless in the UK. ...if you have any interest in the subject, buy this book. You will find it a joy to look at and an invaluable aid in the identification of many British crystal sets." I can say the same for Volume 2 as well.

Tickling the Crystal 2: Domestic British Crystal Sets of the 1920s by Ian Sanders is published by BVWS Books. It has 208 pages in a hardcover 8 1/2" x 12" format. Priced at \$64.95, it is available from the author at 1175 Teresa Ln., Morgan Hill, CA 95037 and from A.R.C.

(Howard Stone, 2825 6th Ave, Ft. Worth, TX 76110, <http://www.StoneVintageRadio.com>)

Do You Remember RCA at Atlantic City?

CONTRIBUTED BY DAVID HOFELD

I found this Xerox copy of a photo of RCA Radiola and Victor Radio on the Atlantic City Boardwalk at a local flea market. Anyone who is over 45 years old and has visited the Boardwalk should recall the General Motors exhibit on Steel Pier. But, though I have spoken to some local old

timers of 85 plus, none seems to remember the Victor Radio exhibit at Indiana Avenue and the Boardwalk. Does anyone over 90 remember?

(David Hofeld, 122 Burnside Dr., East Harbor Twp, NJ 08234)





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1/2 H	3 5/16 x 4 3/4	3 5/16 x 4 3/4	3 5/16 x 4 3/4	3 5/16 x 4 3/4	146.00	389.00	675.00*	1175.00**	37.00†
1/2 V	7 3/4 x 2 1/4	7 3/4 x 2 1/4	7 3/4 x 2 1/4	7 3/4 x 2 1/4	146.00	389.00	675.00*	1175.00**	37.00†
1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	74.00	197.00	342.00	595.00	19.00†
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ONE FREE 20-WORD AD for subscribers in each issue; additional words are 29c each. See details below. Classified ads sent by mail, fax, e-mail or by any other method must be received (not just postmarked!) by **Noon Eastern Time** on the classified ad deadline date to guarantee inclusion in the current issue. Late ads are held for the following issue. Please enclose correct payment with all ads. Cash is OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on opposite page for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

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When including ads with other A.R.C. correspondence, write the ads on a separate piece of paper. Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive months up to your subscription expiration; 12-months, maximum) you want the ad to run.

To minimize our typing errors: Please write legibly. Use both capital and small letters. Do not use a dash between words. Carefully write the following numbers and letters (especially in model numbers) since some can look alike; for example 1, l and I (the number one, the capital i and the small L.) Also: 0, O, o, Q and D; v, r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which we might mistake as a more common word or manufacturer, note it so that we do not "correct" it. Editor's annotations are in [brackets] in ads.

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and non-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

Classified ads must have a standard heading such as WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET, FREE. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. This standard ad format makes scanning the ads easier.

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name (or company name) and address is required in all classified ads; we will add it if you forget.

The publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Names other than the advertiser will be edited out of ads. Ads with non-radio-related items will be returned or edited unless the non-radio-related items are for trade of radio-related items, or they are incidental to and appear at the end of an otherwise acceptable ad. The publisher is not responsible for errors due to illegibly written ads or for any other reason. See also Publishing Rights on opposite page.

Clubs: Since club activities receive free coverage on the *Coming Radio Events* pages, the free 20 words may not be used for club activity ads. A discount on display advertising is available for clubs.

Classified Ad Rates per Month

Deadline: NOON ET- 10th of the month!

Subscribers:

- First 20 words: **FREE***
- 29c per word for extra words over 20 **plus**
- 10c per word for a shaded ad (count all words including free words).
- * Subscribers may take 20 free words on only **one** ad each month.

Non-Subscribers:

- 47c per word **plus**
- 10c per word for shaded ad.

Please do not forget to send in the extra 29c per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

PHOTO & DRAWING DETAILS

Deadline: 1st of the month
for all ads with drawings or photos!

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph, and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

\$23.00 per month for each photo or drawing
(If ad is canceled, this amount cannot always be refunded.)

CHANGES & CANCELLATIONS

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

IMPORTANT — COUNTING WORDS — IMPORTANT

The standard headings: WANTED, FOR SALE, etc., count as one word each time used in an ad. Name, address and (one) telephone number, count as 6 words, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. Full name (or company name) and address is required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, fax, e-mail, etc. count as one word each. Hyphenated words count as two words.



CLASSIFIED ADVERTISEMENTS

FOR SALE: Dual 1245 turntable - \$45. Motorola HK19 AM/FM tuner - \$10. Jon D. Andreasen, PO Box 22, Newton, NJ 07860. (973) 579-6261, 6:30 to 9:30 pm only! E-mail: a12ax7a@hotmail.com

FOR SALE: Sams/Riders schematic library, not practical to ship, you pick up (or) possibly I will deliver depending on your location and negotiated price. Approximate quantity each 350 AR (Auto Radio), 300 CB radio, 70 MHF (Modular hi-fi), 115 TR (Tape Recorder), 270 TSM (Transistor Radio), Sams PF 1 thru 300, w/cabinet. Riders 27 total: (3)#6, (2)#7, (2)#8, #9, (3)#10, (2)#11, (3)#12, (2)#13, (2)#14, (3)#15, (4)#16. Ed Crockett, Vintage Electronics, 128 Buccanear Dr., Hattiesburg, MS 39402. (601) 264-4755. Fax (601) 264-0226. E-mail: phonoed@aol.com

FOR SALE: All Zenith sale #10. Trans-Oceanics: 8G005, G-500, H-500s, 600s, 1000, 3000-1s, 7000s, most excellent to mint - Call: G-503, excellent - \$149; Royal 94, SW - \$95. Chairside: 5S338, excellent - \$375; 10S452, excellent - \$875. Ted Demski, 5806 225 Pl. SW, Mountlake Terrace, WA 98043. (425) 778-7100. (425) 220-5261

FOR SALE: Hammond transformers, chokes, chassis, etc. We are proud to be a distributor for the quality Hammond line. Contact us today for fast delivery at great prices! Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

FOR SALE: Magazines, speakers, schematics, radio, TV, radio parts. Florian A. Rogowski, 40135 Streamwood Ct., Sterling Heights, MI 48310

FOR SALE: Model 28 teletype machine in nice cond. Pick up desired. Robert Enemark, W1EC, PO Box 1607, Duxbury, MA 02331. (781) 585-6233

FOR SALE: Stock certificates for Christmas: Following - \$10 each: Jefferson Travis radio; Philips of Holland; Western Union, Sentinel Radio, Westville Electronics, Admiral Radio, Kolster Radio - \$15. Collins Radio - \$20. Tung Sol tubes - \$20. Orpheum Theater - \$30. Motorola Corp - \$35. Emerson Radio, 1910 - \$65. Marconi wireless - \$65. John Baird Ltd., Developer of TV in England, 1930s - \$100. Plus \$2 per share S&H. J.J. Papovich, 165 Trellis Ln., Sewell, NJ 08080. (856) 464-6741. E-mail: jjpapo@juno.com

FOR SALE: Supreme signal generator Model 189, with original literature, circa 1935 - \$50 plus shipping. Hank Boersma, 6253 Dolores Dr., Oak Forest, IL 60452. (708) 687-9444. E-mail: hboersma@hotmail.com

FOR SALE: Classic tube lamp collection business for sale. All tubes and lamp parts included, plus sales flyers. Donna L. O'Connor, 824 Main St. "E", Belleville, NJ 07109. (973) 751-2591. E-mail: DL0c111111@aol.com

FOR SALE: Silent key - radio equipment, books, magazines. Now 300 more manuals listed. All prices negotiable. Write/call for lists. Richard Birkett, 42 Halvarras Rd., Playing Place, Truro, United Kingdom. +44 1872 862575. Web: www.rabeng.co.uk

FOR SALE: Philco rebuildable chassis, Model 18, 20, 37-660, 37-89, 24/51 - Make Offer. David Boyle, 1058 Colt Cir., Castle Rock, CO 80109. (303) 681-3258

FOR SALE: Tube caddy full of RCA modules, new. Box full of meters, new. 10 speakers. Distribution Channel Master VHF amp #7030. Ann Bichanich, Jay's, 15 W. Lake St., Chisholm, MN 55719

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 A.R.C. Advertising Policy
 Sellers and Buyers, Please Note!

 • Advertising is accepted only for early items
 • related to radio, communication, etc. All
 • items must be described fairly: reproduc-
 • tions, reprints and not-original items must be
 • so identified. Advertisers must agree to re-
 • spond promptly to inquiries and orders, to
 • resolve problems promptly if the buyer is not
 • satisfied, and to comply with a buyer's
 • refund request on unaltered returned items.
 •.....

FOR SALE: RCA 66X9, also transistor to boat anchor rcvrs. Send SASE. H.N. Felder, 7517 Granada Dr., Bethesda, MD 20817

FOR SALE: 95 copies of A.R.C., year 1988 through 1995, all for - \$75 plus shipping. Phone or write. Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209-4711. (601) 922-2235

FOR SALE: Zenith tombstone 4B231, two panadapters, BC348L, Japanese Navy microphone elements, RF ameter, interstage transformers. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

FOR SALE: Fisher stereo FM tuner, Model 100B - \$105. **WANTED:** Altec 350A amplifier. Thomas Rocheleau, PO Box 132, Franklin, MA 02038. (508) 528-3061, between 6-10 pm

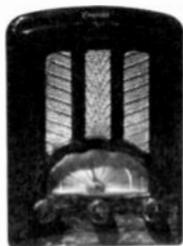
FOR SALE: Videotape of the Indiana Historic Radio Museum. Produced as a local high school project, the tape also includes a tour through the Indiana Historic Radio Society's FM radio station, WNRL 105.9 FM. WNRL is believed to be the only station licensed by the FCC to a radio collectors club. To order send - \$19.95 (includes shipping) to: Indiana Historic Radio Museum, 1246 Lincolnway S, Ligonier, IN 46767. (260) 894-3779

FOR SALE: Tektronix oscilloscopes and other various test equipment. E-mail for list. Ernie Lombardi, 1000 16th Ave. N, St. Petersburg, FL 33704. (727) 415-7549. E-mail: Mariobird45@msn.com

WANTED: Offering \$1,000-\$2,500 for Sony TR-66, TR-62, Standard SR-F21, NEC NT-6A, National UB-160, others. David Mednick, 10 Doe Dr., Suffern, NY 10901-2302. (845) 354-5041. E-mail: davedmed@optonline.net. Web: <http://mednick.homestead.com/Mednick.html>

WANTED: Merle Duston's Radio Library, Volumes 1-12. Richard Dzick, 37079 Tamarack Dr., Sterling Heights, MI 48310. (586) 268-4671. E-mail: n8mq@arrl.net

WANTED: Top cash paid for a National Union transistor (device) in original package. Also need a good Bendix 6900 tube. Larry Daniel, 3112 Seton Hill Dr., Bellbrook, OH 45305. E-mail: LDaniel102@aol.com



WANTED: Emerson Catalin radios. Nobody pays more than I. What an arrogant and inaccurate thing to say. I mean, like there isn't anyone wealthy enough, dumb enough, desperate enough – or any combination of the three – to pay even a dollar more than I would pay. I mean, c'mon, who am I trying to kid! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Fiber alignment tool with 1/4" hex hole to adjust trimmers on old Philcos. Ted Rogers, 6938 E. Waco Dr., Syracuse, IN 46567. (574) 457-8886

RADIO XXXVI

OUR 36th GET-TOGETHER An Indoor Old Radio Flea Market

7,900 square feet – 100+ tables available

Sunday, February 20, 2005

8:00 A.M. 'til 12:00 NOON

Westford Regency Inn — Regency Room

Westford, Mass. (I-495 at Exit 32)

Look for additional information

Jan. & Feb. A.R.C.

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*Not a club, no dues, no newsletter...
just a great group of collectors...*

Thanks to Antique Radio Classified for organizing this meet.

WANTED: Still need audio amps with 6V6, 6K6 or similar tubes, condition not critical. I can repair. Db-110 owner: need your phone, address. Charles Graham, 4 Fieldwood Dr., Bedford Hills, NY 10507. (914) 666-4523

RATE FOR ADDITIONAL WORDS:

29¢ per word

FIRST 20 WORDS FREE!

Cash OK for small amounts.

Your payment helps to keep A.R.C. healthy!

WANTED: Bandswitch knob for Swan 500CX transceiver. Norman Jordan, PO Box 213, Hills, MN 56138. (507) 962-3458. E-mail: njordan@alliancecom.net

WANTED: Information and references on the U.S. Army use of the Choctaw language during World War I. Louis L. D'Antuono, 8802 Ridge Blvd., Brooklyn, NY 11209. (718) 748-9612

WANTED: McIntosh MI350 or MC3500 amplifier. Hi-fi stereo, theater, broadcast, speakers and tubes. Sean Brady, 3202 N. Manor Dr. W, Phoenix, AZ 85014. (602) 284-7000. E-mail: rosemancr@cox.net

WANTED: Speaker assembly for Philco Model 20-20A, willing to buy parts set if speaker assembly is good. Vincent E. Lobosco, 151 Farley Ave., Fanwood, NJ 07023-1060. (908) 322-4512. E-mail: vlobosco@comcast.net

WANTED: Information concerning CRSI or ASI located in Louisville, KY in 1984. They made "high end" car radios for Jaguar, BMW, Toyota and Delorean automobiles. I will pay for any available information you have. James Fred, 5355 S. 275 W, Cutler, IN 46920. (765) 268-2214

A.G. Tannenbaum

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Phone: (215) 540-8055

Fax: (215) 540-8327

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Classified Ad Deadline Noon

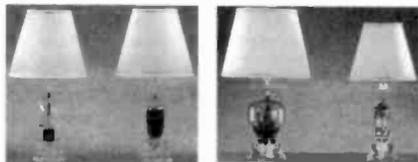
Dec. 10 for Jan. 2005 Issue

Jan. 10 for Feb. 2005 Issue

Photo & Display Ads - 1st

FOR SALE: Super Champion brass escutcheon - \$10. Marantz 23 tuner, excellent condition - \$75. Jack Smith, 288 Winter St., N. Andover, MA 01845. (978) 686-7250

FOR SALE: Precision resistors used in various test equipment, plus germanium transistors & N.O.S. & good used tubes. Alan Batson, 8235 Craig St., Philadelphia, PA 19136. E-mail: tvb@comcast.net



FOR SALE: Classic tube lamp collection. These tubes powered the commercial and amateur radio transmitters that linked the nation and the world. Each in its own way represents a significant milestone in the history of communications. These 17" high lamps are available for sale. Donna O'Connor, 824 Main St. E, Belleville, NJ 07109. (973) 751-2591

FOR SALE: Browning Drake 5R - \$85. 5-tube home brew, nice - \$30. Grebe Synchrophase cab. only - \$30. Radiola AG814 loop - \$75. Reader's Digest AC/DC with papers - \$20. Emerson portable, 3 bands, plays - \$20. Davis 5 tube battery set, 1923 - \$60. Readrite tube tester, with chart - \$15. Loop, portable - \$70. Zenith 522R - \$10. Zenith 7H921Z - \$20. Zenith portable H503 - \$30. GE Long Range, wood - \$15. All plus S&H. Walter Worth, 2 W. Elm Ave., Wollaston, MA 02170. (617) 479-4512, please call before 7 pm

FOR SALE: Sundial Wire supplies new cloth-covered wire, custom manufactured to replicate vintage electrical wire. Many styles, colors, gauges, most exclusive to Sundial Wire. Plugs also. Safe and authentic. Sundial Wire, PO Box 1182, Easthampton, MA 01027. (413) 582-6909. Fax: (413) 582-6908. Web: <http://www.sundialwire.com>. E-mail: custserv@sundialwire.com

FOR SALE: Authentic reproduction manuals: RCA 77DX, 44BX, 88A microphones - \$14.99 each ppd. Charles Zafonte, N1FRX, 364 Charette Hill Rd., Fort Kent, ME 04743. E-mail: kwazydude@hotmail.com

FOR SALE: Atwater Kent 10 4700 breadboard, w/tags, brass tipped tubes, exc cond., pick up only - \$1,400, cashiers check, money order or cash. Firm! Rich Baraglia, 50 Butte Pl., Reno, NV 89503. (775) 747-1279

FOR SALE: Radio collection (1920s-1930s), 41 sets including a Zenith robot shutter dial, Peter Pan and Swan grille. Selling as one lot. E-mail for list. Richard Arnold, PO Box 275, Lone Grove, OK 73443. (580) 657-3319. E-mail: arnold@brightok.net

FOR SALE: #45 or #50 substitute and new tube - \$18. Radiola V crystal detector, fluted base - \$50. Screws with GE logo, short or long - \$10. William P. Turner, 1117 Pike St., St. Charles, MO 63301

New Wireless Pioneers

Books, Magazines, Literature Bought and Sold

New Wireless Pioneers buys and sells books, catalogs, magazines and other literature from the 1800's to 1950 that deal with early radio, wireless and electricity. A selection from our list of specialties:

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Pre-1940 Television • Pre-1950 Computers • Early X-Ray**

Magazines, Catalogs, Autographs or Ephemera related to the above topics. Also: Pre-1920 Wireless and Telegraph Apparatus - Radio-Related Novelties and Advertising - Early Vacuum Tubes and Electrical Devices.

Some items available in other technical subject areas also.

Several catalogs featuring items for sale are published each year.

**NOTE: NEW
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Radio Auction

Saturday, December 4, 2004 at 10 AM EST

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8240 Wooster Pike Rd., Seville, Ohio

From I-76 Exit #2, then north on SR #3, 1 mile to the sale.

This is a collection of radios and tubes from Indiana and will offer many circa 20s style battery sets, many different horn speakers along with drum and mantle speakers, a selection of cathedral and tombstone radios, over 100 wood and Bakelite table radios, an Edison cylinder phonograph with a morning glory horn, cylinder records, a large amount of amateur radio equipment receivers, and transmitters, test equipment, military radio items, several console television sets, Philco Predicta televisions, the bar type with remote receiver-tuner, lots of books and magazines. Also selling several thousand tubes of all types including many transmitting tubes. This sale will also offer a Model 12 Atwater Kent breadboard radio, and a large assortment of console radios also to be auctioned. This is a large sale and we will start selling parts, part sets, restoration projects, and box lots at 8:30 AM outside, then at 10 AM we will start the main auction inside. Hope to see you at this sale. Terms: cash, check, Visa, M/C.

Richard Estes, K8LRY – Auctioneer

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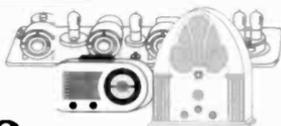
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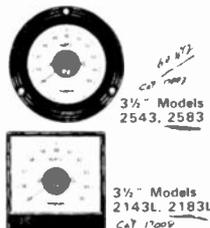
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WANTED: Robert-Lawrence Model 192-L-6T, broadcast, shortwave or other models of that name. Richard Brewster, 145 Little Peconic Bay Rd., Cutchogue, NY 11935-1648

WANTED: 6 volts farm tube radios or with dual supply, 6/110 volts. Frank Martinho, 3511 Rowley Dr., San Jose, CA 95132, (408) 946-2041. E-mail: martinho67@earthlink.net



WANTED: Long scale frequency meter 55 to 65 hz, similar to ones pictured. J.M. Craft, PO Box 987, Jackson, MI 49204-0987. (517) 768-7088. E-mail: jcraft1378@aol.com

CLASSIFIED AD NOTICE

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

WANTED: Information about sail boat novelty radios. Good, bad, popular. Thanks. John Uscinowski, KE2O, 95 Vly Summit Rd, Greenwich, NY 12834-7700

WANTED: Collections for The Southern Appalachian Radio Museum, a place your equipment can be seen. Visit us in Asheville, NC and at www.saradiomuseum.org. Clint Gorman, 240 Governors View Rd., Asheville, NC 28805. (828) 299-1276. E-mail: cgorman@bellsouth.net

WANTED: Any Harvey Wells speakers, power supplies, VFO, RG-9A rcvr, accessories, parts units. Kelley, W8GFG, 9010 Marquette St., St. John, IN 46373. (219) 365-4730

WANTED: Output transistors for Zenith Model 3000-1, Part No. S-45000. Guido Montella, 2714 Charleston Dr., Plant City, FL 33563. (813) 752-7174

WANTED: Meters for following tube testers: Western Electric KS-15750; Weston 774-5 analyzer. Walter L. Hughes, WB4FPD, 6 Academy Ct., Berryville, VA 22611. (540) 955-2635

WANTED: Front panel, knobs, schematic and operating instructions for Scott Model LT-111 FM tuner. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (630) 584-5915. E-mail: dfoxradio@aol.com

WANTED: Tube type amplifiers used on eleven meters, almost any condition. Willie Carr, 2739 Colonial Ave., Roanoke, VA 24015. (540) 343-5606



WANTED: Motorola Catalin #'s 50XC, 51X15, and 52, as complete or "parts" sets. I am a very serious collector seriously looking for serious stuff (leaving all kidding aside, of course)! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Hi-fi/commercial speakers. Altec, Electro-Voice, JBL, Jensen, Goodmans, Tannoy, Stephens, Western Electric. Working or not. Sonny Goldson, 520 Pocahontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. Fax: 0824. E-mail: SonnySound@aol.com

WANTED: Still looking for Arvins 417 & 467. See both in Stein-1, pp. 38. Patrick Franzis, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: old_radios@yahoo.com

**Chinese
Military HF
Radio Set,
Type 81 (102E),
Korean War**

Very rare military HF field radio set. 15 watts maximum transmitter output on CW. 4 watts on AM. Frequency range: RX: 2 - 12 MHz, TX: 2 - 10 MHz. This type of equipment served in the Korean War and in Vietnam. Our units were never used, and are still in their original wax-sealed packaging! The set includes a Type 81 transmitter, a Type 139 receiver, a hand-cranked generator, full set of spare tubes, a penod multimeter, a fire-heated soldering iron (for emergency field repairs!), and additional tools and accessories. These radios are highly collectable and fun to operate! Own a piece of military history from the other side of the conflict. We also offer other Chinese military radios - including separate transmitters and receivers - HF and VHF manpacks, and Morse code keys. For more information and photographs, please visit our website

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FOR SALE: (1,500) new & used radio and television tubes, including 2 full tube caddies. Marstan Television Co., 366 Western Hwy., Tappan, NY 10983. (845) 359-5252

FOR SALE: Precision 10-12/10-15 tube tester operating and maintenance manual, photocopy, nicely done - \$9 ppd. Herman Gross, 1705 Gordon Dr., Kokomo, IN 46902. (765) 459-8308. E-mail: hw12x12arc@sbcglobal.net



FOR SALE: Happy Thanksgiving! Radio specials: Crosley Model 52, 2-tube set (1924), all there, but needs TLC, solid cabinet - \$85. RCA Radiola UZ-1325 horn speaker, the hard one to find, the one with the thumbwheel tone adjust in the wood base, excellent condition - \$185. Zenith Model 6-S-229 table radio, with the big black dial, as found, totally complete with wood knobs and nice photo-finish cabinet, great looking set - \$225. Zenith Royal 3000-1, shortwave portable, excellent performer, works well, nice cabinet with no pits - \$185. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, Cape Cod, MA 02649. (508) 477-1578, before 9 pm please. E-mail: radio-1@comcast.net

FOR SALE: Spartan 558, case excellent, mirror & wood and chrome - best offer over \$1,000. Alex Kertesz, 3439 W. Brainard Rd., #260, Cleveland, OH 44122. (216) 831-9110. Fax: (216) 292-7529. E-mail: alex7729@aol.com

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FOR SALE: Hallicrafters S95 Civil Patrol, 150-175 MHz - \$50, S38C - \$55, S71 - \$125, S120 - \$75. Lafayette LA226 - \$60. Military Apelco SM12, BC + 1.6 - 14 MHz + 7 pre-set channels, 12v/32v - \$50. James R. Lopaz, 5467 S. 975 E., Ogden, UT 84405. (801) 476-1470

FOR SALE: Radio, circa 1930 Stromberg-Carlson, green eye. Try range - one is shortwave - \$225. Ed O'Leary, 31 Inez Ave., Warwick, RI 02886. (401) 739-2095

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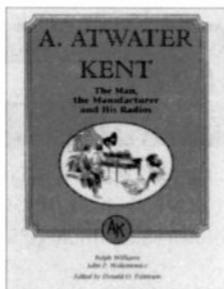


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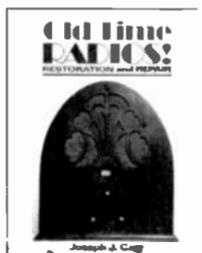
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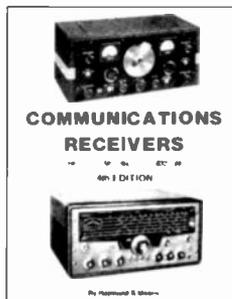
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FOR SALE: Hallicrafter 38-C receiver, works - \$30. Simpson 260 VO meter, vgc - \$40. Dynascan VTVM, similar to RCA WV-98, - \$29. Plus postage. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (856) 881-0244. E-mail: sibon524@comcast.net

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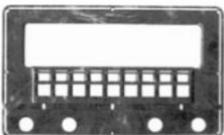
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WANTED: Paying your price for one tortoise Catalin Motorola 50XC circle grille knob, and one green Catalin Kadette Clockette knob. Peter Fee, 26 Smull Ave., Caldwell, NJ 07006. (973) 403-8913. E-mail: pjfee@aol.com

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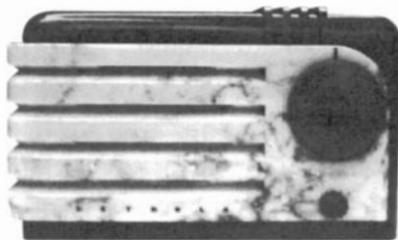
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1942 models 42-355, 42-355T, 42-380, 42-380X, 42-390, 42-390X

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FOR SALE: Hickock CA4 adaptor and new roll chart for 532/33/33dm/534/A/B/600T plus supp. test data, all 1 package – \$75 plus freight. Ed Crockett, Vintage Electronics, 128 Buccaneer Dr., Hattiesburg, MS 39402. (601) 264-4755. Fax (601) 264-0226. E-mail: phonoed@aol.com

FOR SALE: Go to our website at gn4radios.com for an extensive new listing of items for sale including new repro parts for 1940 Zeniths! We now offer capacitors at a very competitive rate and we offer the highest quality electrical restoration for Zenith Trans-Oceanics and all other tube radios! Zenith Georgian 15U272, Zenith 7S261 bookcase. Fabulous super rare E.H. Scott Imperial Grande Allwave 15, chrome excellent! Also Philharmonic Chippendale Grande with remote control! We have all of your reproduction Zenith restoration parts. Call for info. New push buttons for 1940 Zenith radios. Dial glass for 1939 Zeniths. Repro plastic pointers for 7, 9, 12 and 15 tube 1939 Zeniths – \$30 each. New! Revised edition of our own Zenith Brochure Book to reference your radios with color cover, more pages and added models – \$28.95 plus \$5.95 shipping. Updated parts and supplies catalog, request free copy. E.H. Scotts for sale. See website. We have many Zeniths and other radios for sale. AC power cord for 7000 Trans-Oceanics – \$10 plus \$5 S/H. Most Trans-Oceanics available, call. Hard to find Rider's manual numbers in stock, call. We can and do ship consoles and we do it right. Satisfaction guaranteed, highest quality assured. We offer complete chassis restoration service on all radios. Visiting Minneapolis? Visit our store Great Northern Antiques at 5200 Bloomington Ave. just 3 miles from the airport. Owner's and service manuals for most Scott radios. We have over 100 different highest quality repro knobs. We stock a large selection of quality repro grille cloth. We accept Visa, Discover, Mastercard, American Express and Paypal. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 11am-4:30pm. Fax (612) 821-4820 during business hours. 11-4:30 Tues-Fri, Sat 10-3. E-mail: mte612@aol.com

FOR SALE: Zenith 411 console; G-500; H-500; 6S52; 10S669; 10S474; many Zenith parts, send wants; Philco 20, small 20's wood radio cabinet w/hinged lid, no front or chassis; Philco 60 cathedral; Voice of Music AM/FM receiver and AM/FM tuner; Knight stereo amp (940A) and tuner (245A); Hallicrafters S-41G, nice, plays; S-38 tuning knobs; Stromberg 140P; Realistic STA-120, as is; much more, I'm too cheap to list, send inquiries. Send any and all want lists to Wilbur Gilroy, PO Box 459, Lake Winola, PA 18625. (570) 378-2508. E-Mail: radiowilbur@aol.com

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We will be selling a collection from Port Allegany, Pennsylvania. This is an estate that we will be moving to our auction facility in the near future. There are over two hundred radios of all types from the 20s battery sets to 50s & 60s audio equipment. Several thousand N.O.S. tubes and lots of used ones, books, magazines, loads of parts, test equipment, amateur radio equipment, speakers. We have just contracted this sale and will provide more information in the January 2005 issue of *Antique Radio Classified*. We wish to thank everyone for making 2004 a great year for our radio auctions and we will strive to make 2005 even better. Remember, it's one radio or a thousand, call us for complete radio auction service.

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— WANTED —

CLUB CONTACT INFORMATION. A.R.C. IS UPDATING ITS CLUB LIST. PLEASE SEND US NAME OF CONTACT PERSON, ADDRESS, DUES, RATES, ETC.

FOR SALE: Atwater Kent P725, 6 tube tombstone, mfg. by B.K.C. Co. — \$55. Philco 60 cathedral, complete, hums. Philco Jr. #81, plays, cabinet good — \$70. Philco Jr. — \$45. Flotatone guitar amp, 5 tube, has 2 6L6, beautiful red/white leatherette cabinet, works. Majestic Bakelite, 6 tubes, 5 push buttons, Art Deco, hums — \$50. Philco 38-93 tombstone, 5 tubes, complete, works great — \$80. Philco tombstone 66, complete, 5 tubes, has broadcast & SW tone control, works beautiful, Art Deco — \$125. Monarch tombstone #7151, 6 tube, w/SW, working — \$80. Philco tombstone 620, lights, w/shoulders, complete, beautiful dial 19", works — \$140. Silvertone tombstone, lights, 5 tube — \$45. GE Model #52 tombstone, all orig, lights, SW broadcast tone control — \$65. Philco 38-40, 6 tube, works good, w/SW, Art Deco, w/beautiful wood inlays round on right side — \$110. Federal Model #B20 Orthophonic, 5 tube, battery, table radio, beautiful walnut cabinet, 1925 MFD, like new. Will be gone the month of December, please call after Xmas. Meadowbrook Resort, Bill Kalcik, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855 after 9 pm CST

FOR SALE: Vacuum tube data books, receiving and industrial, Amperex/GE/RCA Raytheon/Tung-Sol, LSASE for list. Ed Crockett, Vintage Electronics, 128 Buccaneer Dr., Hattiesburg, MS 39402. (601) 264-4755. Fax (601) 264-0226. E-mail: phonoed@aol.com

FOR SALE: Tube and transistor radios. **Free:** Collectors software. Hank Maurer, 5745 Willow Springs Way, Ferndale, WA 98248. (360) 380-0567, evenings. E-mail: hanksradioland@comcast.net. Web: <http://home.comcast.net/~hanksradioland>

FOR SALE: 600 volt, cloth-covered wire! In response to many requests from audiophiles and others, we now have eight colors of both solid and stranded 18 and 20 guage cloth-covered wire available rated at 600 volts! Note that our wire is lacquered and does not fray like most other offerings that are not. Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

FOR SALE: Nice BC221 frequency meter with book copy \$50.00. HP 650A and 200C? oscillators. Robert Larson, 1325 Ridgeway, Medford, OR 97504. E-mail: W7LNG@arrl.net

FOR SALE: RCA Radiola 41, rare console, in outstanding condition — \$150 pick-up only please. Warren Greene, 21 Amfer Ct., Bay Shore, NY 11706. (631) 665-1795

FOR SALE: Simpson genescope. AM Marker, crystal calibrator. FM generator oscilloscope, exc. — \$95. Mercury tube tester with charts, vg — \$75. Bob Fuerderer, Holly Farm, 813 Rte. 12A, Surry, NH 03431. (603) 352-3005

FOR SALE: McElroy S-600 chrome teardrop shaped bug — \$600. Vibroplex J-36 bug — \$150. Richard Prester, 131 Ridge Rd., West Milford, NJ 07480. (973) 728-2454. E-mail: rprester@warwick.net

FOR SALE: 45+ tube radios, 75+ transistor radios, parts, tubes, semiconductors, books, trades, more. Lists 16 pp. LSASE. **WANTED:** Chassis King #80, AK #30. Bill Horn, 13110 Marsh Rd., Bealeton, VA 22712. E-mail: wehcoll@earthlink.net

WANTED:

Western Electric 9A Amplifier



I will buy other similar Western Electric equipment
if necessary to obtain the 9A amplifier.

Eric Lenius — (360) 710-2659

WANTED: Anything Western Electric, Erpi, McIntosh, Marantz, Tannoy, Langevin, Jensen, Quad, Altec, Dynaco, Fisher, V. Vogt, 330 S.W. 43rd St. #247, Renton, WA 98055. (206) 898-0880. E-mail: archaicaudio@webtv.net

WANTED: A tan leather Zenith Trans-Oceanic radio, non play OK. Thanks. Charles Harper, 2000 Jacktown Rd., Paris, KY 40361. (859) 484-9393. E-mail: charper@kyk.net

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WANTED: Top prices paid for globe shape and collector tubes, new or used. Send for buy list or send your list for offers. Write or e-mail: tubes@qwest.net. See www.fathauer.com for tubes for sale. George H. Fathauer & Assoc., 688 W. First St., Ste 4, Tempe, AZ 85281. (480) 968-7686 or toll free (877) 307-1414

WANTED: A good escutcheon for an Airline 04BR-903A console having six push buttons. Dwight Hill, 1209 Royal Pointe Dr., Bloomington, IL 61704. (309) 663-7599. E-mail: dajcar3@verizon.net

WANTED: Zenith 7-S-28 tombstone, any condition. Ralston Bailey, 309 Quarry Rd., Benton, TN 37307. (423) 338-5923. E-mail: smokehse1@aol.com

WANTED: Atwater Kent 82 chassis & speaker, Radiola 64 speaker & speaker board. **FOR SALE/TRADE:** Capehart flip record changer. Bob Eslinger, 20 Gary School Rd., Pomfret Center, CT 06259. (860) 928-2628. E-mail: bob@oldradiodoc.com



WANTED: Air King Skyscraper receiver, except for that unbearably ugly model with the third (tuning) eye at the top that bears better resemblance to a flounder than to the face of a building. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Howard W. Sams Record Changer Manual Number RC-11. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

WANTED: National NC-2-40D or Collins R390 receiver, good, complete condition, working preferred. Paul Shinn, PO Box 175, Valley Springs, CA 95252. (209) 475-5141

WANTED: Remler variocoupler with panel. **FOR TRADE:** Atwater Kent variocoupler with panel or pay cash. Jerald Hueber, 77 Pheasant Run Circle, Springboro, OH 45066. (937) 748-3661. E-mail: peghueber@aol.com

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FOR SALE: Philco 38-9 - \$225. Lafayette Variac meter, Model TR115, like new - \$90. Admiral large Bakelite record player, AM, Model 7RT41-N - \$80. Hickok 6000 tube tester - \$240. Parts for Philco 39-25. Hallicrafters R46B speaker - \$75. Hallicrafters SX-62, parts. Philco 41-95 battery console for parts: speaker, knobs, etc. RCA RGC37L, nice, wood, transistorized - \$65. Sony ICF5500W, AM/FM/PB - \$85. 1940s Philco Accessory carradio - call. How to Repair Old-Time Radios, Clayton Hallmark, rare - \$40. (3) Gharadi-Modern Radio Servicing, 1,300+ pp. - \$25. Bunis 1,2,3, & 4, set - \$95. Bunis 1 - \$55. Lots of other radio repair books and misc. radio related books, various W. VA books for sale. E-mail for list, all above + shipping. Ron Crowe, PO Box 117, Handley, WV 25102. (304) 442-8179. E-mail: rcrowe@wvutchedu

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FOR SALE: Everyday low prices on tubes, transformers, components, wire, supplies, grille cloth, glass dials, books, etc. Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

FOR SALE: Broadcast turntables, used, reconditioned, 2-QRK, 3 speed w/Rek-O-Kut micropoise 12" arms w/ Shure M55E - \$250 each plus freight. 1 Rek-O-Kut B12GH, 3 speed, no arm - \$225 plus freight. Ed Crockett, Vintage Electronics, 128 Buccaneer Dr., Hattiesburg, MS 39402. (601) 264-4755. Fax (601) 264-0226. E-mail: phonoed@aol.com

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FOR SALE: 1930s R-A-D-I-O bingo game, in original box - \$10 + postage. Working 33 - 45 rpm record player - \$25 + postage. Radio sale: <http://members.aol.com/dmradios/tube.html>. Donald M. Maurer, 29 South 4th St., Lebanon, PA 17042. (717) 272-2481. E-mail: dmradios@aol.com

FOR SALE: 1941 & 1942 Philco escutcheons, knobs and pushbuttons reproductions now available. Other various knobs and pushbuttons also available. Contact us for specific model numbers on escutcheons. Old Time Replications, 5744 Tobias Ave., Van Nuys, CA 91411. (818) 786-2500. E-mail: oldtimerep@aol.com. Web: <http://www.antiqueradioknobs.com>

FOR SALE/TRADE: The following considered in trade for other hi-end stuff MPD (mere paper dollars), simply can't buy! Group of three Atwater Kent breadboards, Models 9, 10, 12, all exc., all brown wrinkle, tags, orig. and working: Kennedy 281/521 shortwave radio and amplifier combo, near mint; IP 501A, vg to exc., logs Alaska to Bahamas on NDBs. Next, prefer trade but consider MPD, all very nice to exc. and working: Kennedy 110/525 St Louis; Federal 61, golden oak repro cabinet; Amrad double decker; Kennedy VI; Kennedy 220, St. Louis; Magneformer 8-9; Westinghouse RA/DA; Magnavox AC2 amp. Sooo.... waddaya want for this stuff? Oh, just simple, easy to find things like SE 1071 Audion control box; Triode A and B amps; 503 loading unit; RCA 106 D radio; Marconi 294; Paragon DA 2, mate to RA 10; Grebe CR 18; Nordon Hauck/Golden Leutz Navy type super; other WWI sets; IP 500, 501, 501A; National 239; etc. Cool Stuff! \$85 OBO department: RCA AR8712 radio direction finder radio; Westinghouse refrigerator, ivory; Knight KN 600 tube tester; Leader dual trace scope; Techniconics 465 clone; Three dial home brew Neutrodyne, vg; 16" TV magnifier, offers. Parts wanted: Garrard RC 88 type 3-speed record changer; Knobs, 1", 1 3/8" as used on Westinghouse RA/DA; Kennedy knobs, dials for Models 110, 220 and V. Always looking for: tube broadcast gear: mic pre's, compressors, mics by Altec, RCA, Western Electric, Sony, etc. Also, WWII spy radios and related stuff. MESSAGE: Wadda year! As we watch "E-Fad" turning to "E-Greed" and "E-Rip", many of us continue to be extremely grateful for a timely respectable publication/network, such as good ol' ARC, now appreciated more than ever! Happy Holidays and a prosperous New Year to all! E-mail best way to contact, but if you use the telephone, don't be bashful, leave a message! Ward Kremer, 1179 Petunia Rd., Newport, TN 37821. Ph./fax: (423) 625-1994. E-mail: witzend99@earthlink.net

FOR SALE: Metrotek Electronics, Raleigh, NC transceiver, Pacer no #, green/chrome panel, with mic, all knobs, channel section, 8 ext. tune 23 channels, no power cord (needs 8 prong plug), tube type, w/8 crystals - \$50. Battery set, Northhome Model VI, 6 tubes, 1 missing, socket bases (red color), A/O - \$190. Eico high voltage probe, HVP 5, w/30 kV meter - \$10. WHouse Model WR 210, all original, large wood @9 - \$70. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. Fax: 0441. E-mail: bernies@samnet.net

FOR SALE: N.I.B. Yaesu FT840 HF transceiver - \$495 plus shipping. Ralph Michelson, KG8FA, 4538 Golfview Dr., Brighton, MI 48116. (810) 225-9825

WANTED: Classroom demonstration radio board with AC/DC tube type radio for our radio Club. Contact: Mike Grimes, K5MLG, 5306 Creekside Ct., Parker, TX 75094. (972) 384-1133. E-mail: grimesm@flash.net

WANTED: 1) Who repairs Sinclair micro TVs? 2) Who can repair a TV-7 tube tester, or supply a new meter? 3) Where can I get drivebelts for Weltron Spaceball 8-tracks? Bruce Phillips, 127 Bunker Hill Ave., Stratham, NH 03885. (603) 772-7516. E-mail: radioorphanage@comcast.net

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WANTED: Glass dial for Crosley Model 26. **FOR SALE:** Riders 6, 7, 9, 10, 11, 2, 13 - \$20 each. Leon Gann, 1134 E. 50th Pl. N., Tulsa, OK 74126. (918) 425-3590

WANTED: Cabinets for RCA 9TX & RCA 45X, Bakelite or wood. Jim Ligouri, 7 Sycamore Court, Atkinson, NH 03811. (603) 362-5712. E-mail: jligouri@aol.com

WANTED: Plastic case, 1 push button for Belmont Model 6D111, small damage OK. Case for Zenith tombstone model 5S228. Bob Wheeler, PO Box 70, Orwell, OH 44076-0070. (440) 437-6668. E-mail: radioman44076@yahoo.com

WANTED: Desperate! Need whole radio for parts, Rogers 7R832 (12/86) or Deforest Prescott or Majestic 786. Gordon Wilson, 11108 50th Ave, Edmonton, Alberta, Canada, T6H 0H9. (780) 434-6257. E-mail: gandmwilson@interbaun.com

WANTED: COLLINS RADIO Company Catalogs, promotional literature, manuals 1933-1983. Jim Stitzinger, 23800 Via Irana, Valencia, CA 91355. 1-661-259-2011

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WANTED: Chassis for Grundig 5088, or complete radio. I buy electronic estates in Oklahoma plus areas. Frank Karner, 12432 Elizabeth Cove, Midwest City, OK 73130. (405) 769-4656. E-mail: fkarner@cox.net



WANTED: Symphony and Detrola Catalin radios. I am not a human being: I am a radio collector. God forbid! Pity me the lost soul that I am and fulfill my humble needs. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Original 1920s-1950s AM radio station postcards. Also seeking postcards/QLS cards for KGCX - 1920s to early 1940s in Vida and Wolf Point, MT. Radio broadcast equipment needed for KLTZ-AM museum display in Glasgow, MT. Magnecord M-33 reel-to-reel tape recorder. Self-winding Western Union Naval Observatory clock, round 15-inch diameter from 1940s-1950s. Civil Defense wall cradle ConelRad phone with code sheets from 1950s to early 1960s, as used by 640/1240 AM radio stations. Microphones: RCA 75B Junior Velocity, RCA BK 1A (ice cream cone) on RCA 2306 stand, Electro-Voice 646 pencil, Western Electric 653 salt shaker, Altec Dynamic 660B, Shure Unidyne 545SD. James D. "Jim" Peterson, 409 5th Ave North, Wolf Point, MT 59201. (406) 653-2013. E-mail: jdp@nemontel.net

WANTED: Broadcast-type MICRCPHONES. Early carbon, condenser, ribbons, etc. Cash or trade. James Steele, P.O. Box 610, Kingsland, GA 31548-0620. (912) 729-2242. E-mail: JSteele@k-bay106.com. Microphone collectors Internet site: <http://www.k-bay106.com/mics.htm>.

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WANTED: Vintage Electronic Music Synthesizers and modules by the following manufacturers, especially the listed models. Aires Modular, System III. ARP 2500. Buchia Modular, 100, 400. E-mu Modular. EML Electrocomp 100, 101, 200. EMS Synthi A, Synthi AKS, VCS3. Korg Modular PS-3100, PS-3200, PS-3300. Moog Theramin, Modular, Series 15, 35, 55. Oberheim SEM modules, 2-, 4- & 8-Voice Systems. Paia Modular 2700, 4700. Roland Modular Systems 100, 700 Serge Modulars, System 79. Synton Modular System. Call and surprise me; makemyday! John V. Terrey, 498 Cross St., Carlisle, MA 01741. (978) 369-9770. Fax: (978) 371-7129

FOR SALE: Tested good globe 201A - \$14, 226 - \$15, 227 - \$10. Type 199/299 UV or UX - \$24 each. Slightly weak 226, 227, 245, 280 guaranteed to work in early radios 1/2 regular price. Write or e-mail: tubes@qwest.net for special sale list or see www.fathauer.com. George H. Fathauer & Assoc., 688 W. First St., Ste 4, Tempe, AZ 85281. (480) 968-7686 or toll free (877) 307-1414

FOR SALE: Zenith 37A console, nice, original, pick up only. Claude Chafin, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-3391

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FOR SALE: Advent 201 cassette, hi-fituners, turntables, recorders, speakers. E-mail for list or contact Jon Golden, PO Box 715, Carlisle, MA 01741. (978) 371-5557. E-mail: jon@make3dimages.com

FOR SALE: Crosley D25-TN, 1953, plastic clock radio, 2 large round dials on front, good condition - \$115. Jeff Olarsch, c/o Creative Business Prod, 790 Emory Stephens Rd., Murrayville, GA 30564. (770) 365-7322

FOR SALE/TRADE: Crank-up fold over EZ-way tower for your KWM-2A (round). A. Bruno, 24 Butternut Dr., New City, NY 10956. (845) 354-8899.

FOR SALE: Motorolas: 56-A, 56-W-1B, 5-R-1, 57-X-11, 66-L-1, 67-C, 78 wireless changer, all working. Robert Rossi, 10936 Melbourne St., Allen Park, MI 48101. (313) 386-8321

FOR SALE: Can caps, Sprague 40%, CDE 60%, 100 units assorted values, 2 to 4 section, 50 to 500 volt, good selection of 45 0V types, N.O.S./N.I.B., sold as lot only - \$250 ppd. Ed Crockett, Vintage Electronics, 128 Buccaneer Dr., Hattiesburg, MS 39402. (601) 264-4755. Fax (601) 264-0226. E-mail: phonoed@aol.com

FOR SALE: Stromberg-Carlson #10 floor speaker, works but cone needs reconing - \$125. Music Master, wooden horn speaker - \$250. RCA 103 tapestry speaker - \$150. RCA 106 floor tapestry speaker - \$150. Kolster repwood speaker - \$110. Atlantic cathedral - \$250. Zenith tombstone 5S228 - \$180. Freed-Eismann speaker 345 - \$80. Temple Airchrome speaker - \$80. J. Gary Cameron, 824 Andrews St., Southington, CT 06489. (860) 276-9200

FOR SALE: 1,200 plus transistor radios. I might have the one you're looking for. Doug Ferrero, 70173 Hillside Ct., Romeo, MI 48065. (586) 336-0120. E-mail: transistorradios@sbcglobal.net

FOR SALE: Radiola 82/86 chassis, working - \$60 pickup only. Paul Harnetty, 4805 Parkmoor Dr., Westerville, OH 43082. (614) 882-1979

FOR SALE: Yokes and flybacks - \$15 to \$25. Power Transformers - \$25 to \$50. Plus S&H. Angelo J. Milardo, 201 English St., New Haven, CT 06513. (203) 624-1015

FOR SALE: Grebe MU-1 Synchrophase instruction manual, laser copy of the 74-page manual - \$20. Ernie Nagy, PO Box 822, Elk Rapids, MI 49629. (231) 264-9412. E-mail: elnagy1599@webtv.net

FOR SALE: Scintillator counter #111B - \$75; Mitchell Lullably #1250 - \$75; 1926 FADA R-65, nice - \$175; Seeburg SE100 Jukebox - \$600; Viking I - \$150. Ernest Odeneal, K5QJF, 2710 Lee St., Greenville, TX 75401. (903) 455-2113/455-5788. Email: odeneal@geusnet.com

FOR SALE: National SW-3, all original, 2 coil sets, pwr supply (homebrew) - \$275. Jim Gauldin, 134 Hawthorne Dr., Danville, VA 24541. (434) 791-2286. E-mail: jimgauldinsr@earthlink.net

FOR SALE: Tubes, N.I.B. series filaments, 100 for - \$50 + ship. James Wright, 4307 Hwy 166N, Maynard, AR 72444. (870) 647-2913

FOR SALE: "The E. H. Scott and John Meck Story," a 37 page booklet telling the story of the end of these pioneers of the radio-TV industry - \$9.95 ppd. James Fred, 5355 S 275 W, Cutler, IN 46920

FOR SALE: E.H. Scott The Dean of DX, the greatly expanded second edition from our own Radio Daze Press! The definitive story of Scott Radio as written by Marvin Hobbs, Scott Chief Engineer - \$29.95 ea. with discounts for multiple purchases of this and/or other great books we offer. Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564, (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

FOR SALE: Send for extensive lists. Many page lists of antique radio parts, radios, service accessories, unusual scientific items. Many lifetime personal items. Send e-mail for free list. Includes flight EB-9 flight computer, geiger counters, scintillator, dental drill pulley type, with drill holder, dental x-ray, long list of small AC/DC & battery radios. AK types, 78 rpm Wurlitzer jukebox 5c per play. 115V standard timer to 1/100th sec. Eico impedance bridge. Solar cap analyzer. Silver Vomax VOM. Simpson TV 2-12 field strength meter. Aerovox C-R bridge. RCA 45 player, cracked. Radiola brass 28 variable with knob & scale. White B.F. lg. coin locator head only. Narco Superhomer, aircraft transceiver. Genave Alpha 200 same. Tombstone radio EH. 2 teletype machines. Operadio intercom, 10 station, early. 50 plus assorted meters. Just a small sample here listed. Send for lists. No prices - you offer. E. Hoard, Box 218, Lehr, ND 58460. (701) 378-2341. Fax: (701) 378-2552. E-mail: frntcap@bektel.com

FOR SALE: Aerotron 6N15TVR 2 way radio - \$25. Sony 9-304 UW, b + w TV - \$35. Both working. Marstan Television Co., 366 Western Highway, Tappan, NY 10983. (845) 359-5252

FOR SALE: Tubes, N.O.S., list - \$1 refundable. Donald Spore, Box 41, Tremont, PA 17981

FOR SALE: Hundreds of antique and collectible radios; multibands; transistors. Transcriptions. Tape, wire and disk recorders. Scanners. Novelties. Test instruments. Telephones. Police, military, aircraft radios, rare books. Cameras, uniforms. Trans-Oceanics. Microphones. Why not buy all and double your money on eBay? For list, send 3-stamp LSASE to: John Enigl, Sr., K9HJL, 5425 Tart Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672

FOR SALE: Custom-crafted xtal sets. Bisbee Wireless Apparatus Co., Gil Warrenton, Box 5348, Bisbee, AZ 85603. (520) 432-9115. Web: http://1N34.com

Estes Auctions



*Specializing in Vintage Radios
Complete Auction & Appraisal Service*

West Coast Vintage Radio Auction

Sunday, March 13, 2005* at 10 AM PST

at Oceanside Masonic Lodge Center
987 Eucalyptus Ave.

Oceanside, California

(Just off Interstate 5)

I-5 to Oceanside Blvd., exit west toward ocean, right on South Coast
Highway, right on Eucalyptus)

Estes Auctions is pleased to announce their inaugural vintage radio auction on the west coast. There will be approximately 250 lots consisting of many wood and Bakelite table radios, cathedral and tombstone-style radios. Some of the highlights of this sale are a Regency TR-1 mahogany case, RCA 40-56 New York World's Fair, San Francisco Expo 40-57, Emerson Catalin tombstone BT-245, Philco Pagoda PT-61, RCA Oriental 75X17, Garod Commander Catalin, Dewald Catalin, GE beetle plastic, Emerson Ingraham bullseye midget AX-212, other Emerson Ingraham models, Zenith Royal 500 owl eyes, modern 50s sets in pink, aqua, and coral, Atwater Kent Models 90, 627, 735. A couple of nice restoration projects, a Jackson Bell Peter Pan and Peacock. Stay tuned for more information in A.R.C. in the coming months as we add items to this sale. Call us or e-mail if you wish to consign and be part of this auction. We will be glad to discuss the auction process and answer any questions you may have. Terms: cash, check, Visa, M/C. 5% gallery fee.

**Mountain &
Western States
GARY FLETCHER
Carlsbad, California**

Phone: (760) 458-2169
E-mail: radiobarn@earthlink.net

**Midwest & East Coast
RICHARD ESTES
7404 Ryan Road
Medina, Ohio 44256**

Toll free: (888) 769-4992
E-mail: estesauctions@aol.com

* Please note date change from March 12 to March 13.

FOR SALE: Sams Photofact modular hi-fi series #MHF-10, MHF-103, MHF-123, MHF-176. TAB Books Home Audio Systems Vol I #1024, Vol. II #1025, Vol. III #1026. TAB Servicing Manual For CB Radios Vol. I #826, Vol. II #854, Vol. III #858. Sams Photofact CB Radio Series, CB-26. TAB book #835. VHF/UHF fire, police, ham scanners. Make offer plus shipping. A-1 Radio & T.V., 1402 Mather Ave., Utica, NY 13502. E-mail: tiesthatbind1527@aol.com

FOR SALE: Philcos 41-605, 46-200 playing chassis - \$20 each. GE 260 dial glass, parts - \$10. James S. Looney, Rt. 1 Box 54, Grundy, VA 24614. (276) 531-8677. E-mail: mowman2003@yahoo.com

FOR SALE: Glass dials, high quality reproduction glass dial scales, over 70 styles available and more available every week. Visit our web site for regularly updated status. Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

FOR SALE: Mallory Vibrator Data Book, first edition, 1947 - \$20. USAFI Television Simplified book/course, 1950 - \$10. Emerson 572, missing pointer, cracks in cabinet, new caps, works - \$50. All plus shipping. Harry M. Books, Jr., W3P5U, 699 Red Mill Rd., Eters, PA 17319. (717) 938-6694

FOR SALE: Neutrowound tube caps - \$25 each. Jiri Placek, 60 Applewood Ln., Boyertown, PA 19512. (610) 367-0861. E-mail: radiotubes@fast.net

FOR SALE: Vacuum tube collector selling entire collection. Many new in the original box 01-A. DeForest DL & DV series new and used. Western Electric, new & used. eBay sellers name TipTopTubes. Jeff Arndt, 908 6th St., Kewaunee, WI 54216-1718. (920) 323-6789. E-mail: vtubes@charter.net

FOR SALE/TRADE: Heathkit and EICO test equipment manuals for VTVM's, tube testers signal generators, tracers, oscilloscopes, etc. A. J. Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536. E-mail: ni4q@juno.com

FOR SALE: Working Zenith consoles 8S463 and Model #52 - reasonable. Joe Murphy, Box #41, Grenloch, NJ 08032. (856) 228-0585

**— WANTED —
PICTURES FOR PHOTO REVIEW OR
TELEGRAPH REVIEW
PHOTOS MUST BE SHARP IN DETAIL
A SHORT DESCRIPTION IS A MUST!
SEE PHOTO REVIEW PAGES FOR
ADDITIONAL INFORMATION**

SERVICES: Happy Holidays! Radio schematics 1920-70 - \$4 ppd. Send make/model/description. Richard A. Lerche, 1561 Bluebell Ct., Livermore, CA 94551. (925) 447-9365. E-mail: rlerche@comcast.net

SERVICES: Repair & sales. Walter Raymond, Raymond TV Sales and Service. PO Box 175, 111 Pearl St. Extension, Bainbridge, NY 13733. (607) 967-8684

SERVICES: Professional restoration of antique radios and vintage hi-fi. Repairs, upgrades & detailing. Mike Urban, 58 Naugatuck Ave., Milford, CT 06460. (800) 594-4359. Web: www.urban-antiqueradio.com

SERVICES: Antique Radio of Iowa, longtime experienced collector, will repair your tube radios, 30s thru 50s (sorry no foreign) speaker service, cabinet restorations and more! PayPal welcome. Communicate first. Don Nordboe, 3131 Avenue A, Council Bluffs, IA 51501-1948. (712) 322-2255, CST. E-mail: dnordboe@aol.com

SERVICES: RCA 45, cartridges/idlers/cams. Ed Crockett, Vintage Electronics, 128 Buccaneer Dr., Hattiesburg, MS 39402. (601) 264-4755. Fax (601) 264-0226. E-mail: phonoed@aol.com

SERVICES: All American Five-Tube, table radio restoration special - \$49.99. 6-Tube - \$59.99. Call for details. Dave's Antique Radio and TV Restorations, 10068 Carousel Center, Syracuse, NY 13290. (315) 457-5099. Web: http://www.borg.com/~dave2 or http://www.dreamscape.com/dave2/daves.htm

SERVICES: Tubes, parts, supplies and literature. Your source for all your radio needs! Antique Electronic Supply, 6221 S. Maple Ave., Tempe, AZ 85283. (480) 820-5411. Web: www.tubesandmore.com

SERVICES: Can't wait months for a quality antique radio restoration? Then call me. I'll restore your radio promptly and for a reasonable price. I bring 16 years of experience and a passion for perfection to the process. Send me your wretched radios yearning to be fixed! Mike Simos, 100 Commonwealth Ave., Merrick, NY 11566. (516) 223-1470. E-mail: mike_simos@yahoo.com

SERVICES: Rebuild all the old metal 78 crystal cartridges like Astatic, Shure, Webster Electric, EV and RCA. Rebuild the 45 RP 190, magnetic horseshoe for phonos and jukeboxes. Also, the Seeburg Pickering blackhead and redheads. We rebuild the crystal and magnetic cutter heads for record cutter units like the X-26, M-41, Presto etc. Also rebuild the Edison Voicewriter crystal cartridge. We make all new idlers for the VM, 45 RP 190 idlers and cams, and the Zenith Cobra along with some 3,000 N.O.S. We provide record changer, record cutter and wire recorder restoration. Sales and service. West-Tech Services, 570 Hazelgreen Rd., Smithville, WV 26178. Monday-Friday 10-5 EST. Tel/fax: (304) 349-2149. E-mail: westtechservices@yahoo.com. Web: www.west-techservices.com

SERVICES: Any tube radio repaired - \$30. Plus parts & shipping. Chuck's Radio, Chuck Humphreys, 167 Lynn Dr., New Haven, WV 25265. (304) 882-2220

HELP: Need operators manual for Triplett tube tester 2413, copies OK. Bob Barr, 9660 S.E. Little Club Way N, Tequesta, FL 33469. (561) 741-1907

HELP: Need dial for Westinghouse Model H-188, antenna coil for Emerson Model U5A. Will buy junker. Larry Porter, 4115 Beam Rd., Crestline, OH 44827. (419) 683-2540

MESSAGE: I've just returned home after 6 weeks in the hospital. Your orders will be late. Please call me if you have any questions. James Fred, 5355S 275W, Cutler, IN 46920. (765) 268-2214

MESSAGE: Send now for the World's Premier 78 rpm & Cylinder Record Auction Catalog. Nauck's Vintage Records, 6323 Inway Dr., Spring, TX 77389. E-mail: nauck@78rpm.com



COMING RADIO EVENTS

ONTARIO - Dec. 1

**OTTAWA VINTAGE RADIO CLUB
MEETING/ELECTIONS**
Ottawa, Ont. - The Ottawa Citizen
Conference Room, 1101 Baxter Rd.
Flea Market: 7 pm - Meeting: 8 pm
Info: OVRC - (613) 832-3097
www.ovrc.org

ARKANSAS - Dec. 2

**ANTIQUE RADIO COLLECTORS CLUB
OF FORT SMITH - MEETING**
Fort Smith, AR - St. Luke Lutheran Church
Waldron Road, at Free Ferry
7:30 pm
Info: Paul Tucker - (479) 782-8178

AUSTRIA - Dec. 3

**AUCTIONHOUSE DOROTHEUM
AUCTION**
A-1100 Vienna - Erlachgasse 90
8157 Garmon Rd., Exit 204 off I-71
2 pm
Client Services: (011) 43-1/515 60-226
Online Catalog: www.dorotheum.com

CALIFORNIA - Dec. 4

**CALIFORNIA HISTORICAL RADIO SOC.
GENERAL MEMBERSHIP MEETING &
HOLIDAY SOCIAL**
Berkeley, CA - CHRS/KRE Building
601 Ashby Ave.
2 pm
Info: CHRS Hotline - (415) 821-9800
www.californiahistoricalradio.com

CONNECTICUT - Dec. 4

**VINTAGE RADIO & COMMUNICATIONS
MUSEUM - INDOOR SWAP MEET**
Windsor, CT - 33 Mechanics St.
8 am
Info: John Ellsworth - (860) 673-0518
radioclcr@aol.com

SUBMISSION DEADLINE: 5TH OF MONTH

OHIO - Dec. 4

**ESTES AUCTIONS
RADIO AUCTION**
Seville, OH - Seville Antique Auction Barn
8240 Wooster Pike Rd. I-76, Exit 2, N. SR #3
10 am
Info: (888) 769-4992 - Fax: (330) 769-4116
estesauctions@aol.com
www.estesauctions.com

PENNSYLVANIA - Dec. 4

**PITTSBURGH ANTIQUE RADIO SOCIETY
MEETING**

Pittsburgh, PA - Brentwood Presbyterian
Church - 3725 Brownsville Rd.
10 am - 2:30 pm
Info: Ted Depto - (814) 674-8834
Bonnie Novak - (412) 481-1563

TEXAS - Dec. 4

**VINTAGE RADIO & PHONOGRAPH SOC.
CHRISTMAS PARTY**
Irving, TX - Senter East Bldg.
7 am - 12 Noon
Info: George Potter - (972) 353-4862
vrps@sbcglobal.net
www.vrps.org

WASHINGTON - Dec. 4

**RADIO ENTHUSIASTS OF PUGET SOUND
MEETING**
Seattle, WA - Queen Anne Library
400 W. Garfield
2 pm
Info: REPS (206) 488-9518 - www.repsonline.org

ILLINOIS - Dec. 5

**ANTIQUE RADIO CLUB OF ILLINOIS
SWAP MEET**
Carol Stream, IL - American Legion Hall
570 S. Gary Ave. - Halfway between
North Ave. (Rt. 64) & Geneva Rd.
7 am - 11 am
Info: ARCI, PO Box 1139, LaGrange Park
IL 60526 - www.antique-radios.org
clubinfo@antique-radios.org

NEW YORK - Dec. 5

**GREATER NEW YORK VINTAGE WIRELESS
ASSN. - SWAP MEET - MEETING**

Lake Ronkonkoma, NY - 367 Hawkins Ave.

8 am - Noon

Info: Chris Lieppert - (631) 471-9526

Chris Bacon - (516) 437-7106

W. VIRGINIA - Dec. 5

**MUSEUM OF RADIO & TECHNOLOGY
ANNUAL HOLIDAY BANQUET**

Huntington, WV - 1640 Florence Ave.

Info: Lmcin79627@aol.com

www.MRTWV.org

OHIO - Dec. 7

**ANTIQUA RADIO COLLECTORS OF OHIO
MEETING**

Dayton, OH - 2929 Hazelwood Ave.

7 pm

Info: Karl Koogler - (937) 294-8960 -

karlkrad@gemair.com

ARKANSAS - Dec. 9

**ARKANSAS ANTIQUA RADIO CLUB
MEETING**

7 pm

Call for location and directions

Info: Tom Burgess - (501) 455-0773

OKLAHOMA - Dec. 9

**OKVRC GREEN COUNTRY CHAPTER
MEETING**

See Website for meeting location

7 pm

Info: Carl Lutz - (918) 251-4915

oldeRadios@cs.com

<http://members.cox.net/okvrc>

NEW JERSEY - Dec. 10

**NEW JERSEY ANTIQUA RADIO CLUB
MEETING**

Call for location & directions

7 pm

Info: Marv Beeferman - (609) 693-9430

Phil Vourtsis - (732) 446-2427

Changes, cancellations and errors do occur. To avoid disappointment, verify place, date and time especially for events which are new to you.

FLORIDA - Dec. 11

**SARASOTA ANTIQUA RADIO CLUB
WINTER SWAP MEET**

Sarasota, FL - Knights of Columbus

4880 Fruitville Rd.

8 am - 11 am

Info: Jack Warren - (941) 349-4875

Dave Hurt - manager@findsales.com

OREGON - Dec. 11

**NORTHWEST VINTAGE RADIO SOCIETY
MEETING & TAILGATE SWAP**

Oregon City, OR - Abernathy Grange Hall

15745 S. Harley Ave.

Swap: 8:30 am - Meeting: 10 am

Info: www.nwvrs.org

NEW MEXICO - Dec. 12

**NEW MEXICO RADIO COLLECTORS CLUB
MEET**

Albuquerque, NM - Anna Kaseman Hospital

8300 Constitution Ave. (W. of Wyoming)

1:30 pm: Tailgate Swap Meet

2 pm: Program, Show & Tell and Auction

Info: Chuck Burch - (505) 286-9674

<http://members.aol.com/NMRC>

WASHINGTON - Dec. 12

**PUGET SOUND ANTIQUA RADIO ASSN.
MEETING**

Seattle, WA - Shoreline Museum

749 N. 175th & Linden Ave.

10 am - 12 Noon: Tailgate Swap

12 Noon: Meeting, Program, Show & Tell

Info: Pete Peterson - (425) 747-1323

<http://www.eskimo.com/~hhagen/psara.html>

GEORGIA - Dec. 13

**SOUTHEASTERN ANTIQUA RADIO SOC.
MEETING WITH SHOW & TELL**

Norcross, GA - JR's Log House Rest.

6601 Peachtree Industrial Blvd.

6:30 pm

Info: Rich Rodgers - (678) 591-3619

www.sarsradio.com

New Club Forming?

LET A.R.C. HELP YOU FIND NEW MEMBERS

Send your information to

arc@antiqueradio.com or fax: (978) 371-7129

Or mail to: PO Box 2, Carlisle, MA 01741

MARK YOUR CALENDAR

Dec. 1 - Ontario, Ottawa - OVRC Meeting
Dec. 2 - AR, Fort Smith - ARCC Meeting
Dec. 3 - Austria, Vienna - Dorotheum Auction
Dec. 4 - CA, Berkeley - CHRS Holiday Social
Dec. 4 - CT, Windsor - VRMC Swap Meet
Dec. 4 - OH, Seville - Estes Auction
Dec. 4 - PA, Pittsburgh - PARS Meeting
Dec. 4 - TX, Irving - VRPS Christmas Party
Dec. 4 - WA, Seattle - REPS Meeting
Dec. 5 - IL, Carol Stream - ARCI Swap Meet
Dec. 5 - NY, Lake Ronkonkoma - GNYVWA Swap
Dec. 5 - WV, Huntington - MRAT Holiday Banquet
Dec. 7 - OH, Dayton - ARCO Meeting
Dec. 9 - AR, "Call" - AARC Meeting
Dec. 9 - OK, Tulsa - OKVRC-GCC Meeting
Dec. 10 - NJ, "Call" - NJARC Meeting
Dec. 11 - FL, Sarasota - SARC Swap Meet
Dec. 11 - OR, Oregon City - NWVRS Meeting
Dec. 11 - TX, Houston - HVRA Christmas Party
Dec. 12 - NM, Albuquerque - NMRCC Meet
Dec. 12 - WA, Seattle - PSARA Meeting
Dec. 13 - GA, Norcross - SARS Meeting
Dec. 13 - MO, Kirkwood - ARCH Meeting
Dec. 13 - PA, Telford - DVHRC Meeting
Dec. 14 - NC, Greenville - ECARC Meeting
Dec. 14 - OH, Kettering - SPARK Meeting
Dec. 15 - OH, Cincinnati - CARS Meeting
Dec. 17 - NY, Highland Falls - HARPS Meeting
Dec. 18 - OH, Burbank - Estes Auction
Dec. 19 - MD, Burtonsville - MAARC Meeting
Dec. 21 - CA, Loomis - CHRS-Sac Meeting
Dec. 26 - NY, Schenectady - SARC Meeting
Dec. 28 - OH, Kettering - SPARK Meeting

2005

Jan. 1 - WA, Seattle - REPS Meeting
Jan. 2 - NY, Lake Ronkonkoma - GNYVWA Swap
Jan. 4 - OH, Dayton - ARCO Meeting
Jan. 5 - OH, Dayton - OTRE Meeting
Jan. 5 - Ontario, Ottawa - OVRC Meeting
Jan. 6 - AR, Fort Smith - ARCC Meeting
Jan. 8 - OK, Oklahoma City - OKVRC Meeting
Jan. 8 - Ontario, London - LVRC Meeting
Jan. 8 - OR, Oregon City - NWVRS Meeting
Jan. 8 - TX, Houston - HVRA Meeting
Jan. 9 - CO, Denver - CRC Meeting
Jan. 9 - NM, Albuquerque - NMRCC Meet
Jan. 10 - GA, Norcross - SARS Meeting
Jan. 11 - MO, Kirkwood - ARCH Meeting
Jan. 11 - NC, Greenville - ECARC Meeting
Jan. 11 - PA, Telford - DVHRC Meeting
Jan. 13 - AR, "Call" - AARC Meeting
Jan. 14 - NJ, "Call" - NJARC Meeting
Jan. 15 - TX, Irving - VRPS Meeting
Jan. 15 - TX, Kyle - TARC Meeting
Jan. 16 - MD, Burtonsville - MAARC Meeting
Jan. 16 - TN, Memphis - MARC Meeting
Jan. 16 - WA, Seattle - PSARA Meeting
Jan. 17 - FL, Jacksonville - JARS Meeting
Jan. 19 - OH, Columbus - COARA Meeting
Jan. 20 - OK, Tulsa - OKVRC-GCC Meeting
Jan. 22 - NH, Nashua - NEARC Swapmeet & Show
Jan. 22 - OH, Burbank - Estes Auctions
Jan. 24 - AL, Birmingham - AHRM Meeting
Jan. 29 - OH, Columbus - COARA Swap Meet

MARK YOUR CALENDAR

(Continued from bottom left column)

Jan. 29 - SC, Columbia - CC-AWA Swap Meet
Feb. 4-5 - TX, Houston - HVRA Convention
Feb. 19 - OH, Burbank - Estes Auction
Feb. 20 - MA, Westford - GBARC Radio XXXVI
Mar. 13 - CA, Oceanside - Estes Auction
Mar. 24-26 - NC, Charlotte - CC-AWA Conference
Apr. 23 - NH, Nashua - NEARC Swapmeet & Show
May 20-21 - MN, Plymouth - NARC Radio Daze
Jul. 16 - NH, Nashua - NEARC Swapmeet & Show
Aug. 23-27 - NY, Rochester - AWA Convention

See expanded listing for many of these events

MISSOURI - Dec. 13

ANTIQUÉ RADIO COLL. & HIST. SOCIETY
OF GREATER ST. LOUIS
MEETING

Kirkwood, MO - Kirkwood Community Center
111 S. Geyer Rd. Room 291-A

7:30 pm Meeting - Show & Tell - Swap Table

Info: Ron Durbin - (636) 677-8883 -
ronboysradios@aol.com

PENNSYLVANIA - Dec. 13

DELAWARE VALLEY HIST. RADIO CLUB
MEETING - SWAP - AUCTION

Telford, PA - Telford Community Building
Hamilton & Hamlin

7:30 pm

Info: Delaware Valley Historic Radio Club
PO Bcx 5053, New Britain, PA 18901
www.dvhrc.org

N. CAROLINA - Dec. 14

EAST CAROLINA ANTIQUE RADIO CLUB
MEETING

Greenville, NC - Sheppard Memorial Library
Meeting Room A, 530 Evans St.

7 pm

Info: Bill Engstrom - (252) 355-8732
Herman Schnur - (252) 752-2264

OHIO - Dec. 14

SOCIETY FOR THE PRESERVATION OF
ANTIQUÉ RADIO KNOWLEDGE - MEETING

Kettering, OH - Banquet Room at Cassano's
Pizza House, 1700 E. Stroop Rd.

7:30 pm

Info: John Pansing - (937) 299-0210
sparkinc@juno.com
www.antiqueradios.com/spark

OHIO - Dec. 15

CINCINNATI ANTIQUE RADIO SOCIETY MEETING
Cincinnati, OH - Brecon United Methodist Church, 7388 E. Kemper Rd.
7:30 pm
Info: Tina Haucke - (513) 247-9406

NEW YORK - Dec. 17

HUDSON VALLEY ANTIQUE RADIO AND PHONO SOCIETY - MEETING
Highland Falls, NY - Art Kingsley Residence
7-9 pm (call to confirm details)
Info: Art Kingsley - (845) 446-4091

OHIO - Dec. 18

ESTES AUCTIONS RADIO AUCTION
Burbank, OH - Expo Auction Center
8157 Garman Rd., Exit 204 off I-71
10 am
Info: (888) 769-4992 - Fax: (330) 769-4116
estesauctions@aol.com
www.estesauctions.com

MARYLAND - Dec. 19

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING - SWAP MEET - AUCTION
Burtonsville, MD - New Hope Seventh Day Adventist Church, 15121 McKnew Rd.
12 Noon
Info: Geoff Shearer - (703) 818-2686
www.maarc.org

CALIFORNIA - Dec. 21

CALIFORNIA HISTORICAL RADIO SOC. SACRAMENTO CHAPTER - MEETING
Loomis, CA - 3256 Penryn Rd., 2nd Floor
7 pm
Info: CHRIS Hotline - (415) 821-9800
www.californiahistoricalradio.com

NEW YORK - Dec. 26

SCHENECTADY ANTIQUE RADIO CLUB MEETING
Schenectady, NY - Schenectady Museum & Planetarium, Knott Terrace
Flea Market: 1:30 pm - Meeting: 2 pm
Info: David Ellers - (518) 237-2665
<http://dadellers.tripod.com/sarc>

OHIO - Dec. 28

SOC. FOR THE PRESERVATION OF ANTIQUE RADIO KNOWLEDGE - MEETING
Kettering, OH - Banquet room at Cassano's Pizza, 1700 E. Stroop Rd.
7:30 pm
Info: John Pansing - (937) 299-0210
sparkinc@juno.com -
www.antiqueradios.com/spark

WASHINGTON - Jan. 1

RADIO ENTHUSIASTS OF PUGET SOUND MEETING
Seattle, WA - Queen Anne Library
400 W. Garfield
2 pm
Info: REPS - (206) 488-9518
www.repsonline.org

NEW YORK - Jan. 2

GREATER NEW YORK VINTAGE WIRELESS ASSN. - SWAP MEET - MEETING
Lake Ronkonkoma, NY - 367 Hawkins Ave.
8 am - Noon
Info: Chris Lieppert - (631) 471-9526
Chris Bacon - (516) 437-7106

OHIO - Jan. 4

ANTIQUERADIO COLLECTORS OF OHIO MEETING
Dayton, OH - 2929 Hazelwood Ave.
7 pm
Info: Karl Koogler - (937) 294-8960
karlkrad@genmair.com

OHIO - Jan. 5

OLDE TYME RADIO ENTHUSIASTS MEETING
Call for time and location
Info: (937) 299-9570
OTRadioE@aol.com

ONTARIO - Jan. 5

OTTAWA VINTAGE RADIO CLUB MEETING
Ottawa, Ont. - The Ottawa Citizen Conference Room, 1101 Baxter Rd.
7 pm
Info: OVRC - (613) 832-3097
www.ovrc.org

ARKANSAS - Jan. 6

ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH - MEETING

Fort Smith, AR - St. Luke Lutheran Church
Waldron Rd. at Free Ferry
7:30 pm

Info: Paul Tucker - (479) 782-8178

OKLAHOMA - Jan. 8

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK - Hometown Buffet
3900 N.W. 63rd St.

6 pm: Dinner - 7 pm: Meeting

Info: Frank Karner - fkarner@cox.net
(405) 769-4656 - <http://members.cox.net/okvrc/>

ONTARIO - Jan. 8

LONDON VINTAGE RADIO CLUB MEETING

London, Ont. - 417 Wing, 2155 Crumlin Rd.
12:30 pm

Info: Dave Cantelon - (416) 502-9128
justradios@yahoo.com

OREGON - Jan. 8

NORTHWEST VINTAGE RADIO SOCIETY MEETING & TAILGATE SWAP

Oregon City, OR - Abernathy Grange Hall
15745 S. Harley Ave.

Swap: 8:30 am - Meeting: 10 am

Info: www.nwvrs.org

TEXAS - Jan. 8

HOUSTON VINTAGE RADIO ASSOC. MEETING, PROGRAM & AUCTION

Houston, TX - American Legion Post 560
3720 Alba Rd.

10 am

Info: Bill Werzner - (713) 721-2242
www.hvra.org

COLORADO - Jan. 9

COLORADO RADIO COLLECTORS MEETING

Denver, CO - Call for Location

1 pm

Info: Larry Weide - (303) 758-8382

MENTION A.R.C. WHEN CONTACTING CLUBS!

NEW MEXICO - Jan. 9

NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM - Anna Kaseman Hospital
8300 Constitution Ave. (W. of Wyoming)
1:30 pm: Tailgate Swap Meet

2 pm: Program, Show & Tell and Auction

Info: Chuck Burch - (505) 286-9674

chuckBurch@aol.com

<http://members.aol.com/NMRCC>

GEORGIA - Jan. 10

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL

Norcross, GA - JR's Log House Rest.

6601 Peachtree Industrial Blvd.

6:30 pm

Info: Rich Rodgers - (678) 591-3619

www.sarsradio.com

MISSOURI - Jan. 11

ANTIQUE RADIO COLL. & HIST. OF GREATER ST. LOUIS - MEETING

Kirkwood, MO - Kirkwood Community Center
111 S. Geyer Rd., Room 201-A

7:30 pm Meeting, Show & Tell, Swap Table

Info: Ron Durbin - (636) 677-8883

ronboysradios@aol.com

N. CAROLINA - Jan. 11

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC - Sheppard Memorial Library
Meeting Room A, 530 Evans St.

7 pm

Info: Bill Engstrom - (252) 355-8732

Herman Schnur - (252) 752-2264

PENNSYLVANIA - Jan. 11

DELAWARE VALLEY HIST. RADIO CLUB MEETING - SWAP - AUCTION

Telford, PA - Telford Community Bldg.
Hamilton & Hamlin

7:30 pm

Info: Delaware Valley Historical Radio Club

PO Box 5053, New Britain, PA 18901

www.dvhrc.org

ARKANSAS - Jan. 13

ARKANSAS ANTIQUE RADIO CLUB MEETING

Call for location and directions

7 pm

Info: Tom Burges - (501) 455-0773

NEW JERSEY - Jan. 14**NEW JERSEY ANTIQUE RADIO CLUB MEETING**

Call for location and directions

7 pm

Info: Marv Beeferman - (609) 693-9430

Phil Vourtsis - (732) 446-2427 - www.njarc.org**FLORIDA - Jan. 17****JACKSONVILLE ANTIQUE RADIO SOCIETY MEETING**

Jacksonville, FL - Countryside Village Mobile Home Park Clubhouse, 10960 Beach Blvd.

7:30 pm

Info: Sean Olin - (904) 386-8332

<http://community-2.webtv.net/jarsclub/>
JACKSONVILLE ANTIQUE**TEXAS - Jan. 15****VINTAGE RADIO & PHONOGRAPH SOC. MEETING**

Irving, TX - Senter East Building

2 pm

Info: VRPS, PO Box 165345, Irving, TX 75016

vrps@sbcglobal.net - www.vrps.org**OHIO - Jan. 19****CENTRAL OHIO ANTIQUE RADIO ASSOC. MEETING**Columbus, OH - DeVry Institute of Tech.
1350 Alum Creek Rd., I-70 Exit 1035

7:30 pm

Info: Barry Gould - (614) 777-8534

Chuck Davis - (614) 792-6237

<http://members.tripod.com/~COARA/Index.htm>**TEXAS - Jan. 15****TEXAS ANTIQUE RADIO CLUB MEETING**

Kyle, TX - Railroad BBQ

10 am

Info: Ed Engelken - EdEngel@gvtc.com(830) 899-3864 - www.gvtc.com/~edengel/TARC.htm**OKLAHOMA - Jan. 20****OKVRC GREEN COUNTRY CHAPTER MEETING**

See Website for meeting location

7 pm

Info: Curt Lutz - (918) 251-4915

oldeRadios@cs.com<http://members.cox.net/okvrc>**MARYLAND - Jan. 16****MID-ATLANTIC ANTIQUE RADIO CLUB MEETING - SWAP - AUCTION**

Burtonsville, MD - Seventh Day Adventist Church, 15121 McKnew Rd.

Tailgate: Noon - Meeting: 2 pm

Info: Geoff Shearer - (703) 818-2686

www.maarc.org**NEW HAMPSHIRE - Jan. 22****NEW HAMPSHIRE ANTIQUE RADIO CLUB VINTAGE RADIO SHOW & SALE**

Nashua Nh - St. Stanislaus Hall

Rt. 3 (Everett Turnpike), Exit 6

East on Rt. 130/Broad St. to Blue Hill Ave.

7 am - 12 Noon

Info: Marty Bunis - (603) 938-5051

m_bunis@conknet.com - www.nearc.net**TENNESSEE - Jan. 16****MEMPHIS ANTIQUE RADIO CLUB MEETING**

Memphis, TN - St. Timothy United Methodist Church - 4105 St. Elmo Ave.

2 pm

Info: Ray Eaton - (901) 989-7089 reaton@fhu.edumarc_memphisantiqueradioclub@hotmail.com**OHIO - Jan. 22****ESTES AUCTIONS RADIO AUCTION**Burbank, OH - Expo Auction Center
8157 Garmon Rd., Exit 204 off I-71

10 am

Info: (888) 769-4992 - Fax: (330) 769-4116

estesauctions@aol.com -www.estesauctions.com**WASHINGTON - Jan. 16****PUGET SOUND ANTIQUE RADIO ASSN. MEETING**

Seattle, WA - Shoreline Museum

749 N. 175th & Linden Ave.

10 am - 12 pm Tailgate Swap

12 pm - Meeting, Program, Show & Tell

Info: Pete Petersen - (425) 747-1323

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learn, meet others in the hobby.*

OHIO - Jan. 29

CENTRAL OHIO ANTIQUE RADIO ASSN. SWAP MEET

Columbus, OH - Northeast Career Center
3871 Stelzer Rd.

I-270, Exit 33 Easton Way to Stelzer Rd.

Dealers: 7 am - Public: 8 am - 12 Noon

Info: Chuck Davis - (614) 792-6237

Dave Poland - (614) 890-5422

[http://members.tripod.com/~COARA/
index.html](http://members.tripod.com/~COARA/index.html)

S. CAROLINA - Jan. 29

CAROLINAS CHAPTER / AWA WINTER SWAP MEET

Columbia, SC

Call for time & location

Info: Ron Lawrence - (704) 289-1166

www.cc-awa.org

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TEXAS - Feb. 4-5

HOUSTON VINTAGE RADIO ASSOC. ANNUAL CONVENTION

Houston, TX - Greenspoint Marriot Hotel
255 N. Sam Houston Parkway E

Convention, Contest, 3 Auctions

Banquet & Swap Meet

Info: Bill Werzner - (713) 721-2242

www.hvra.org

MASSACHUSETTS - Feb. 20

GREATER BOSTON ANTIQUE RADIO COLLECTORS - RADIO XXXVI

Westford, MA - Westford Regency Inn

I-495, Exit 32, West on Rt. 110 for .4 mi.

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For Hotel reservations: 800-543-7801

Mention Radio XXXVI

Info: A.R.C. - (866) 371-0512

arc@antiqueradio.com

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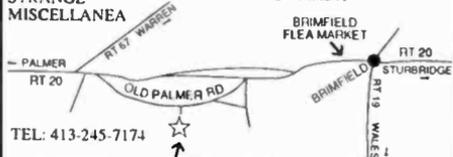
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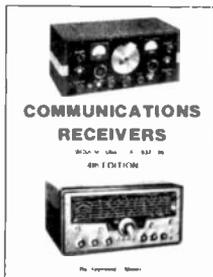
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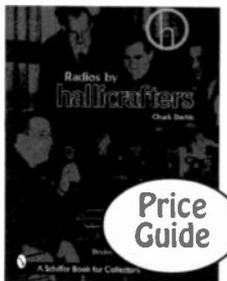


Communications Receivers 4th Edition by Raymond S. Moore. *A comprehensive guide to 750, 1932 to 1981, vacuum tube receivers by 66 manufacturers. Three pages of military receivers. 448 radios pictured! Sharper, clearer photographs. 8 1/2" x 11", 136 pages. Softcover. — \$19.95*

Heathkit, A Guide to the Amateur Radio Products, 2nd Edition by Chuck Penson. *Updated and expanded documentation of Heathkit's amateur radio products and a history of the company. 8 1/2" x 11", 328 pages. Softcover. NEW — \$29.95*



Radios by Hallicrafters, 2nd Ed. by Chuck Dachis. *This book includes over a thousand photographs (b/w & color) of radio receivers, transmitters, electronics accessories and advertising material. Technical descriptions are provided for every known Hallicrafters model, including dates of production, model numbers, accompanying pieces and original prices. This 2nd edition includes additional coverage of receivers and updated pricing. 8 1/2" x 11", 225 pages. Softcover. — \$29.95*



A Pictorial History of Collins Amateur Radio Equipment by Jay Miller. *The most complete story of Collins. Told in hundreds of photos & in the words of the men who made it happen. — \$39.95*

Ham Price Guide, 2nd by Eugene Rippen. *Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas, test equipment, books, tubes and catalogs. Small print. 8 1/2" x 11", 81 pages. Softcover. — \$10.95*



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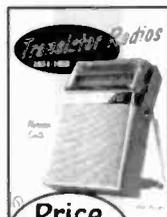
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(#8-Sep04)

Transistor Radio Books

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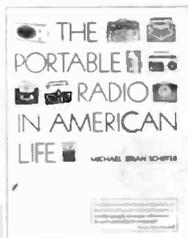
Price
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Collector's Guide to Novelty Radios by Marty Bunis & Robert Breed. *This book is the source for novelty transistor radios in all shapes and sizes. Radios are described in detail with current prices. Over 600 color photographs. 8 1/2" x 11". 224 pgs. Softcover – \$18.95*

Collector's Guide to Novelty Radios, Book II by Marty Bunis & Robert Breed. *All new second volume takes up where the first book left off. New radios are described with current prices. Over 600 all new color photographs. 8 1/2" x 11". 208 pgs. Softcover – \$19.95*

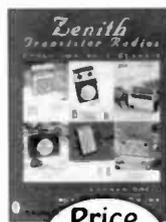


Price
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The Portable Radio in American Life by Michael Schiffer. *Approximately 50 pages on transistor radios, beginning with the Regency TR-1 through to the later sets made overseas. 450 photographs, 193 transistor radios pictured. 8 1/2" x 11". 259 pgs. Softcover – \$26.95*

Zenith Transistor Radios, Evolution of a Classic by Norman Smith. *A complete listing of all transistor radio models created by Zenith during the Magic Years from 1955-65. 200+ color photographs and price guide. 8 1/2" x 11". 160 pgs. Softcover – \$29.95*



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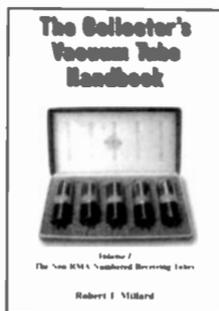
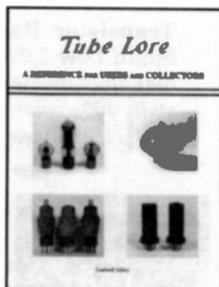
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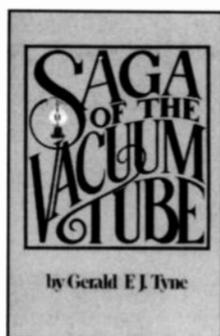
(#6-Jul03)

Books About Tubes

Tube Lore, Sibley. *Trends in tube design, receiving and audio tubes, special-purpose and transmitting tubes, military types, tips on testing, repairing, adapting various tubes, auction prices from six major sales.* 186 pgs. — \$19.95



The Collector's Vacuum Tube Handbook, Vol. 1, Millard. *Hard-to-find electrical data on 200+ tube types that pre-date the RMA standardized numbering system (1934). Basing diagrams, photos & brief developmental histories.* 196 pgs. NEW — \$25.95



Saga of the Vacuum Tube, Tyne. *The development of vacuum tubes — 1880 to 1930. From Edison, Thomson and Fleming to DeForest, Philips, Siemens and many more.* 100+ tube photos. 495 pgs. — \$18.95

75 Years of Western Electric Tube Manufacturing, Magers. *A log book history. 750+ WE tubes. Illustrated.* 133 pgs. — \$16.95



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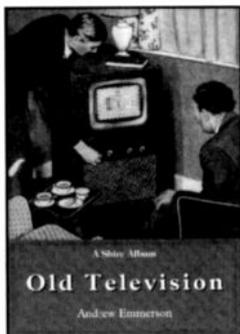
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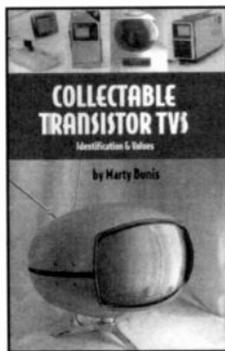
Books About Television

The Mechanics of Television, Yanczer. A brief history of television, beginning in 1847. Explanation of mechanical TV, details for a working system. Photos, charts, and diagrams. 170 pages — \$24.95



Old Television, Emmerson. The development and history of television from the Baird Televisor until the introduction of color television to Britain in 1969. 50 photos. 32 pages. — \$4.95

Collectable Transistor TVs, Bunis. Identification, description, and value ranges for 150 transistor televisions from 29 manufacturers. 150+ B&W photos. 44 pages. — \$19.95



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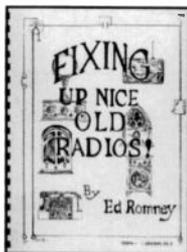


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(#28-Apr04)

Restoration & Repair



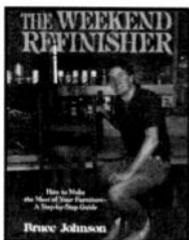
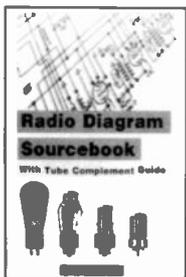
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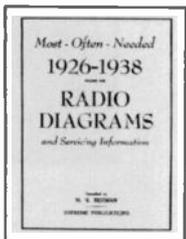
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(#24-Apr04)

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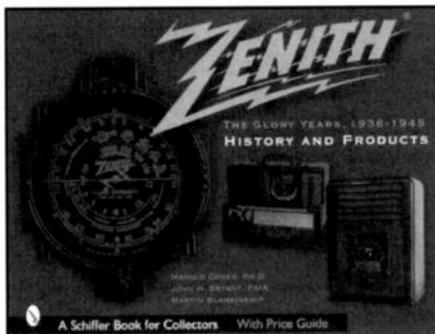
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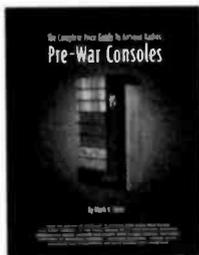
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Detrola		Any Color	6,000+
Bendix	526C	Green & Black	625
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Emerson	AU190 & BT 245	Yellow Green or Brown Dark Red Blue Bright Red	1,300 2,500 2,700 6,850 12,000
Emerson	BM258	Yellow Green Red Blue	1,000 1,350 2,250 4,000
Emerson	564	Black Green Red	500 1,150 1,650
Emerson	AX-235	Yellow & Black Red & White Dk Red & White Blue & White Black & Orange	900 2,000 2,750 5,000 6,000
Espey	Name	Your	Price
Fada	115, 116 & 1000	All Yellow Maroon & yellow Yellow & red Pea Green Blue & Yellow	700 950 1,150 1,400 2,650
Fada	L56	Yellow Light Green Maroon & Yellow Yellow & Blue Yellow & Red Emerald Gr/Yellow Blue & Yellow	1,500 2,500 2,200 3,000 3,500 7,000 7,000

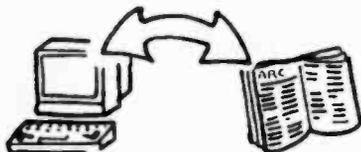
MAKE	MODEL	COLOR	PRICE
Fada	F55 & 52	Yellow Light Green Maroon & Yellow Yellow & Blue Yellow & Red Emerald Gr/Yellow Blue & Yellow	1,000 1,500 1,500 2,000 3,000 4,000 4,000
Fada	5F50 & 5F60	Yellow Light Green Yellow & Blue Yellow & Red Emerald Gr/Yellow	1,000 1,000 2,500 3,000 4,000
Fada	700	Yellow Maroon Onyx Blue	750 1,000 1,200 2,000
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Motorola	50XC	All Yellow Brown & Tortoise Red & Yellow Green & Yellow	2,000 2,750 6,000 6,250
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Kadette	Clockette	Yellow Green Red Blue & Clear	2,000 3,500 6,000 8,000
Sentinel	284 Wavy Grill	Yellow Sand Red Blue	600 800 1,250 6,500
Sparton	Cloisanne	Yellow Front Blue Front Red Front Brown Front	3,500 4,000 6,000 4,000
Symphony	Name	Your	Price
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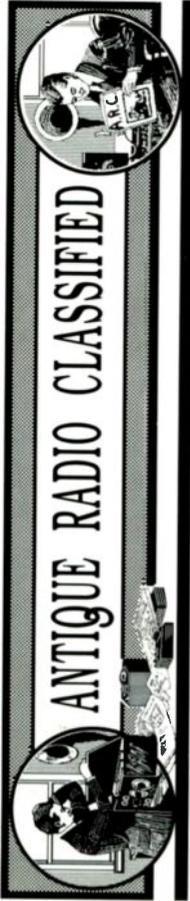
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